PUBLIC WORKS DEPARTMENT.

ESTABLISHMENT.

Proceedings of the Madras Government,

FOR THE

MONTH OF SEPTEMBER 1870.

PUBLIC WORKS DEPARTMENT.

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Proceedings of the Madras Government

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ESTABLISHMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT,

PUBLIC WORKS DEPARTMENT.

For the month of September 1870.

No. 3. Read the following letter from the Director of Public Instruction, to the Secretary to Government, Public Works Department, dated Madras, 24th August 1870, No. 1,524 :—

Serjeant McAliese, a Talook Overseer in the Godavery Division, No. 4 Range, has been strongly recommended by Captain Edgcome for the extra Drawing and Surveying Mastership lately sanctioned for the Civil Engineering College.

2. In these circumstances, I have the honour to request that, if there is no objection, Serjeant McAliese may be made available for employment in the Civil Engineering College.

No. 4. Order thereon, 1st September 1870, No. 2,098.

ESTABLISHMENT, No. 1.

On the understanding that Serjeant McAliese has accepted the employment offered to him in the Civil Engineering College at Madras, the Government resolve to direct his services to be placed at the disposal of the Director of Public Instruction.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 13. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 5th August 1870, No. 1,528 :—

I HAVE the honour to bring to the notice of Government that, under very pressing circumstances, I granted Delta Superintendent K. Sooriah, who was in charge of the Samulcottah Canal, three months' cumulative privilege leave; and pending the sanction of Government, and under the Notification published at page 562 of the *Fort St. George Gazette* of the 20th April 1869, moreover looking to the great want felt by the ryots (now as the irrigation season has set in) for the proper distribution of water, I appointed the individual named in the margin to act as substitute for the absentee on full pay.

D. Venkannah.

2. Doubtless objections will be raised by the Controller of Public Works Accounts to pass salary to the substitute; it is therefore that I apply for the sanction of Government for authority to the same being passed.

3. I take this opportunity of also bringing to the notice of Government the invaluable aid rendered to the department by the above-named individual, in the completion of nearly all the surveys connected with the Eastern Delta project; and as from his intimate acquaintance with the canals in this Delta, I consider him well worthy of the post of Delta Superintendent, I beg he may be exempted from passing the Uncovenanted Civil Service Examination when an opportunity offers itself for his filling a permanent post in the department, as I am unable to employ him in any other capacity, and his services under Mr. Sage are deserving of all recognition.

No. 14. ORDER THEREON, 1st September 1870, No. 2,103.

ESTABLISHMENT, No. 2.

As under the Notification in the *Fort St. George Gazette* of the 20th April 1869, page 562, previous application should have been made to Government for sanction to the extra expense involved in the arrangement reported in this letter, the Government decline to accede to the recommendation contained in paragraph 1, and they see no sufficient reason for granting D. Venkannah the general exemption applied for in paragraph 3. They will however be prepared to consider any special application for Venkannah's employment which may be made by the Superintending Engineer on the occurrence of a vacancy, and His Excellency in Council will then expect to receive a full report of the circumstances of Venkannah's case, and to be assured that the services of no qualified candidate are available.

2. It will be pointed out to Major Fischer that the interests of the Public service cannot but suffer by such disregard of established rules as has been evinced in the appointment of Venkannah during K. Sooriah's absence on *full* salary. Under no circumstances, however urgent or pressing, can the substitute of an Uncovenanted servant absent on privilege leave and appointed under the *previous sanction of Government* be allowed more than 50 per cent. of the absentee's salary.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 18. Read the following papers :—

From the Under Secretary to the Government of India, Public Works Department, (Establishment—General,) to the Governments of Madras, Bombay, Bengal, the North-Western Provinces, and the Punjab; the Chief Commissioners of Central Provinces, Oudh, British Burmah, and Mysore and Coorg; the Resident at Hyderabad; and the Agents to the Governor-General for Central India and Rajpootana, dated Simla, 17th May 1870, No.——E. G.

THE undersigned has the honour to request that the number and date of the Public Works Circular noted on the margin may be altered to No. 23 of 5th May 1870.

No. 18, dated 3rd May 1870, regarding course to be pursued in communicating to relatives the death of Europeans in India.

(Signed) A. B. SAMPSON,
Under Secy. to the Govt. of India.

No. 19. From the Under Secretary to the Government of India, Public Works Department, (Establishment—General,) to the Secretary to the Government of Madras, Public Works Department, dated Simla, 10th August 1870, No. 879 E. G.

REFERRING to Colonel Orr's Memorandum, No. 135, of the 28th June 1870, the undersigned has the honour to forward a copy of Public Works Department Circular, No. 23, of the 5th May 1870, laying down the course which should be pursued in communicating to relatives the deaths of Europeans in India.

(Signed) J. P. THORPE,
For *Under Secy. to the Govt. of India.*

Circular from the Government of India, Public Works Department, (Establishment—General,) dated Simla, the 5th May 1870, No. 23.

Bengal.
North-Western Provinces.
Punjab.
Central Provinces.
Oudh.
British Burmah.
Mysore.
Hyderabad.
Central India.
Rajpootana.
Port Blair.

COPY of the following Memorandum forwarded to the Local Governments and Administrations marginally noted, for information and guidance.

By Order, etc.,
(Signed) A. B. SAMPSON,
Under Secy. to the Govt. of India.

Memorandum from the Under Secretary to the Governmment of India, Home Department, to the Officiating Secretary to the Government of India, Public Works Department, dated Fort William, 5th April 1870, No. 1,945.

THE undersigned is directed to acknowledge the receipt of the communication from the Public Works Department, No. 20 E.B., dated 7th January last, and in reply, to state that no rules have been laid down defining the course to be pursued by the Civil Court as to communicating to relatives the death of Europeans dying in India on taking possession of the effects left by the deceased.

2. The Administrative Department under which the deceased may have been serving should, as a rule, communicate with his relatives or friends, if none such be present on the spot. If the deceased leaves assets then the case should be reported under Section 61, of Act XXIV. of 1867, to the Administrator General, who would adopt the course prescribed by law.

3. In the event of the introduction of a systen of Registration of deaths among European officers, it may be found possible to charge the Registrar with the duty of communicating the fact of deaths to those concerned.

4. The enclosures are herewith returned.

No. 20. ORDER THEREON, 1st September 1870, No. 2,106.

ESTABLISHMENT, No. 3.

ORDERED to be recorded.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 52. Read the following Petition from Serjeant G. GORMAN, 21st Fusiliers, Talook Overseer, Kistna District :—

Praying that the case of his wife and family may be taken into consideration, and that subsistence allowance may be passed to them. } (Here enter dated 24th August 1870.)

No. 53. ORDER THEREON, 3rd September 1870, No. 2,121.

ESTABLISHMENT, No. 4.

UNDER the peculiar circumstances in which the family of Talook Overseer Serjeant G. Gorman is placed by the length of time his trial before the High Court is delayed, the Government are pleased to authorize the Controller of Public Works Accounts to pass to Mrs. Gorman, as a special case, a moiety of the Overseer's salary.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 67. Read the following Endorsement of the Inspector-General of the Indian Medical Department, dated 15th August 1870, No. 197 :—

Read the following letter from Mr. A. SAVIEL, Apothecary, H. M's 16th Lancers to the Surgeon, H. M's 16th Lancers, dated Bangalore, 6th August 1870 No. 90.

I BEG to state, for the information of Government, that I was not aware *till lately* that my claim for house-rent* when attached to the department of the Deputy Inspector-General, and doing duty in the Civil Department, would be admissible ; hence the delay in the submission of the bill referred to in Government Order, No. 1,745, communicated in Proceedings of Government, dated 22nd July 1870 herewith returned with accompaniments.

* From 27th May to 23rd September 1868.

FORWARDED with reference to Docket Memorandum, dated 30th July 1870 herewith returned.

(Signed) C. A. INNES, M.D.,
Surgeon, H. M's 16th Lancer

To the Deputy Inspector-General, British Medical Service, Mysore Circle, Bangalore.

FORWARDED to the Secretary to Government, Public Works Department, with reference to G. O., No. 1,745, of 22nd July 1870.

(Signed) W. MACKENZIE, M.D.,
Inspector-General, Indian Medical Department.

No. 68. ORDER THEREON, 5th September 1870, No. 2,129.

ESTABLISHMENT, No. 5.

UNDER the explanation afforded the Controller is authorized to pass the bill submitted on behalf of Mr. Apothecary A. Saviel, provided he is satisfied that during the period for which the claim is made Mr. Saviel was employed on Regimental or corresponding duty.

2. The Inspectors-General of the Indian Medical Department and British Medical Service will issue instructions to ensure the particular charge of each Medical Subordinate being noted in all certificates submitted in support of claims for house-rent, care being taken, in the case of bills for arrears of rent, that the charge noted is that to which the subordinate was attached during the period for which the allowance is claimed.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 78. Read the following letter from the Acting Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Sooramungalum, 29th August 1870, No. 104 :—

One copy of letter.

I HAVE the honour to submit, for the favourable consideration of Government, the proposal contained in the accompanying letter from the Executive Engineer, Bangalore, dated 27th August 1870, No. 254, for the entertainment, as a temporary measure, of a Mechanical Engineer at that station, at a salary of Rupees 200 per mensem, in lieu of Mr. Mechanical Engineer McGregor, who would appear to have quitted India.

2. The date on which, as I understand, he personally solicited and obtained leave from you was Sunday, the 14th instant.

No. 79. ORDER THEREON, 5th September 1870, No. 2,134.

ESTABLISHMENT, No. 6.

MECHANICAL Engineer Mr. J. Smith, having intimated his acceptance of the charge of the engine and machinery attached to the Water Works at Bangalore, will proceed at his earliest convenience to that place and there place himself under the orders of the Executive Engineer. Meanwhile Captain Wood will make such temporary arrangement as may be necessary.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 84. From the Secretary to the Government of Fort Saint George, Public Works Department, to the Secretary to the Government of India, P.W.D., dated 6th September 1870, No. 2,137.

ESTABLISHMENT, No. 7.

SIR,—With reference to the Circ[illegible]ar from the Government of India, No. [illegible]76 of 1864, I am directed to forwar[illegible] Return of Engineer and Sapper Soldiers employed in the Upper Subordinate Bra[illegible] of the Public Works Department of this Presidency on the 31st July last.

No. 93. Read the following Despatch from the Right Honourable the Secretary of State for India, (Financial,) to His Excellency the Right Honourable the Governor in Council, Fort Saint George, dated India Office, London, 28th July 1870, No. 87 :—

I HAVE considered in Council your letter of the 31st May last, No. 19, forwarding a memorial from H. Janekeramiah, late 3rd Accountant in the Department of Public Works of the Kistna District, appealing against the decision of your Government, by which he was granted a gratuity instead of a pension on his retirement.

2. You will inform the Memorialist that I decline to interfere with the orders passed by your Government in his case.

No. 94. ORDER THEREON, 7th September 1870, No. 2,142.

ESTABLISHMENT, No. 8.

COMMUNICATED to the Memorialist.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 120. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 31st August 1870, No. 1,854 :—

I HAVE the honour to bring to your notice that in April 1870 I sanctioned an estimate, amounting to Rupees 480, from the allotment for "Minor New Works, Agricultural" on account of investigation of Irrigation Projects in No. 1 Range, Vizagapatam. In this estimate provision was made for one Surveyor and for a few lascars. On this account an outlay of Rupees 55 had already been incurred by the Range Officer, and charged against the appropriation for the work; but the Controller of Public Works Accounts objects to the salary of Surveyor being charged to the grant for "Minor New Works, Agricultural," and further states that, under the orders contained in G. O., No. 1,390, dated 28th April 1869, it should be debited to "Establishment, Ordinary."

2. Under these circumstances I beg you will be pleased to obtain the sanction of Government for authorizing the Controller of Public Works Accounts to pass the Surveyor's salary, at the rate of Rupees 30 per mensem, for eight months, the cost to be met from the grant for Special Temporary Establishments for surveying Irrigation Projects in the Ganjam and Godavery Districts, from which a saving can be effected.

No. 121. ORDER THEREON, dated 8th September 1870, No. 2,155.

ESTABLISHMENT, No. 9.

ON the understanding that the charge can be provided from savings on the grant for the Survey Establishments referred to in paragraph 2, the Government authorize the Controller to pass the salary of the Surveyor in the Vizagapatam District for eight months at the rate of Rupees 30 per mensem.

2. The Controller will understand that no charges on account of surveys, (lascars and other inferior servants) whether for Imperial or Local Works should be passed in the Progress Report of Range Officers without an estimate sanctioned by the Superintending Engineer concerned. In the case of Imperial surveys specific allotments should be made in the first instance, charges on account of Local Fund Surveys being debited provisionally to Miscellaneous Advances pending adjustment as heretofore on quarterly bills passed by the Board of Revenue.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 122. Read the following letter from G. J. TURNER, Esq., Assistant Engineer, to the Secretary to Government, Public Works Department, dated Madras, 6th September 1870 :—

I HAVE the honour to intimate my arrival in Madras, from the Godavery District, on sick leave, and that I am living with Dr. Bidie, Desney's Gardens, Kilpauk.

No. 123. ORDER THEREON, 8th September 1870, No. 2,156.

ESTABLISHMENT, No. 10.

THE Superintending Engineer of the 1st Division will submit the emergent medical certificate on which Mr. Turner left his charge in the Godavery District for the Presidency. A medical certificate in the prescribed form for such leave as Mr. Turner may require should be laid before Government with as little delay as possible.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Read the following :—

No. 124. Proceedings of the Madras Government in the Judicial Department.

Directing that the salary of the Apothecary attached to the Cannanore Central Jail be disbursed from the Public Works Department. (Here enter, No. 1,147, dated 30th August 1870.)

No. 125. From the Inspector-General of Jails, to the Chief Secretary to Government, Ootacamund, dated Ootacamund, 26th August 1870, No. 87.

WITH reference to my letter of the 8th instant, No. 77, I have the honour to state that Mr. Assistant Apothecary Dawson, in Medical charge of the Central Jail at Cannanore, not having received any pay for nearly five months, he is put to very great inconvenience, and I, therefore, request you will be good enough to obtain sanction for the disbursement to him on receipt from the nearest treasury of the amount due to him, the same to be adjusted upon regular abstracts whenever it has been decided to what department it is to be debited.

FORWARDED to the Public Works Department for disposal, with reference to G. O., Judicial Department, dated 30th August 1870, No. 1,147.

OOTACAMUND,
1st *September* 1870.

(Signed) R. S. ELLIS,
Chief Secretary.

No. 126. ORDER THEREON, 8th September 1870, No. 2,157.

ESTABLISHMENT, No. 11.

THE first of the foregoing papers will be communicated to the Acting Superintending Engineer of the 7th Division and to the Controller of Public Works Accounts for information and guidance.

2. As a special case authority is granted for the arrears of pay due to the Apothecary being paid at once pending the audit of the bills which should be forwarded to the Controller without delay.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 143. Read the following Proceedings of the Board of Revenue, dated 28th July 1870, No. 5,091:—

Read the following letter from C. G. MASTER, Esq., Officiating Collector of Nellore, to the Acting Secretary to the Board of Revenue, dated 20th June 1870, No. 1,552.

I HAVE the honour to submit my report on public works executed in this district during the past official year 1869-70.

2. The whole expenditure incurred during the past year, as compared with that of the previous year, is exhibited in the following statement. :—

Particulars of Works.	Expenditure in 1868-69.	Expenditure in 1869-70.	Difference.	
			Increase.	Decrease.
New Works.	RS.	RS.	RS.	RS.
1. Communications	62,471	36,694	...	25,777
2. Irrigation	91,154	66,349	...	24,805
3. Buildings	37,012	7,273	...	29,739
Total...	1,90,637	1,10,316	...	80,321
Repairs.				
1. Communications	40,185	29,722	...	10,463
2. Irrigation	52,343	24,085	...	28,258
3. Buildings	2,589	1,085	...	1,504
Total...	95,117	54,892	...	40,225
Grand Total...	2,85,754	1,65,208	...	1,20,546

3. It will be observed that the expenditure in the year under report is below that of the previous year by Rupees 1,20,546.

4. COMMUNICATIONS.—The Imperial communications in this district, as finally settled by Government Order, 11th November 1868, No. 2,831, Revenue Department, are not numerous. There is one main Trunk Road No. 6 extending the whole length of the district and passing through three of its ranges. On this was spent during the year the sum of Rupees 46,862 as per marginal statement. It is described as on the whole in good order. I think in the Nellore and Centre Ranges it merits that designation, but in the Northern Range or sub-division of the district a great deal require to be done. There are here exceptional difficulties. Several rivers are apt to come down in floods, stopping the traffic for days together, while the roadway in many places has no sufficient means of carrying off any sudden influx of drainage water. The unusual

Ranges.	New Works	Repairs.	Total.
	RS.	RS.	RS.
Northern Range.	14,462	3,251	17,713
Centre ,,	4,478	5,193	9,671
Nellore ,,	8,213	11,265	19,478
Total...	27,153	19,709	46,862

rains of January last played havoc with a portion of this road between Ongole and Tangatur, several breaches, thirty or forty yards in length, having been made completely through it to the great obstruction of traffic. I have not heard that these have been repaired. I fear it will be a tedious and costly business.

5. In all the ranges the progress of work on this road was stopped owing to the financial difficulties.

6. The funds spent on the two other main roads are shown marginally. These roads run from the coast into the interior, crossing Trunk Road No. 6, at Nellore and Ongole, respectively. On the first one, west of Nellore, thirty-eight miles out of sixty have been completed. East of Nellore, towards the sea, the road is in fair order; no new work has been undertaken on this section; the six miles nearest to the backwater at Kistnapatam need, however, to be metalled, and the embankment across the salt swamp made secure. If the East Coast Canal is to be extended to the Kistnapatam backwater within a reasonable time, there will doubtless be a very large increase to the traffic on this line.

Names of Roads.	New Works	Repairs.	Total.
	RS.	RS.	RS.
Kistnapatam, *via* Nellore to Dorenal Pass ...	8,833	3,966	12,799
Kottapatam, *via* Ongole to Cumbum	207	4,380	4,587
Total...	9,040	8,346	17,386

7. On the other road from Kottapatam, *via* Ongole towards Cumbum, little has been done in the way of new work. The section between Ongole and the Kurnool frontier is said to be in a generally good condition. The smaller section from Ongole to Kottapatam on the coast is described in very different terms. For years past the Department of Public Works have been trying to make a permanent roadway across the swamp which intervenes between the two places. Very large sums of money have been sunk, and the result is that at present the road is impassable, a considerable portion of it near Kottapatam having been carried away by the inundation in January last. I saw this road in February shortly after the floods, and was struck with its melancholy condition. It is a most important line, connecting as it does Ongole and the trading towns in the west with the well-to-do port of Kottapatam. Its state now is infinitely worse than when Mr Dykes wrote about it in January 1869—*Vide* correspondence recorded in Board's Proceedings, 13th and 17th March 1869, Nos. 1,706 and 1,811, and 5th April 1869, No. 2,256. The Deputy Collector in charge of the Salt Department also has brought its condition prominently to my notice.

8. By Board's Standing Circular, No. LXXXV., dated 16th November 1865, an annual report on the progress made in improving the salt roads in the district is called for. It seems to me that the subject can most conveniently be considered when reporting on the public works generally. The two roads just referred to are in a great measure salt roads leading to the depôts at Kistnapatam and Biramgunta, (Padarti). The other salt lines recognized by Government Order, 28th November 1868, No. 2,831, Revenue Department, are those from Dugarazpatam to Trunk Road No. 6, and from Kistnapatam to Ramdoss choultry, also on the main

line of road. The last named exists only on paper. I have been lately in correspondence with the Executive Engineer about it, or rather about a deviation which he suggests, so as to make use of a local road which already exists from Survapally to Vencatachellam's choultry. The whole line may, I think, be considered a local road.

9. The road from Dugarazpatam to Trunk Road No. 6, a distance of twenty miles, is in good order. I rode over the whole length last month. A sum of 1,177 Rupees has been spent on its repair during the past year.

10. On the remaining minor salt roads marked A, B, F, G, H, I, K, L, and M, (in the list recorded in Board's Proceedings, 3rd October 1868, No. 6,990,) which Government* decided should be maintained from the Salt Budget for "Petty Construction and Repair," no expenditure has been made during the year, except in the case of the Allur and Iskapalli road (F) on which 403 Rupees have been spent apparently from General Funds.

* In Government Order, 28th November 1868, No. 2,831.

11. The condition of such of these roads as have ever received any attention is described by the Salt Deputy Collector in the following terms:—

A.—From Sunnapugunta to Trunk Road No. 6.—"This line is still under "construction, and the masonry works remain unfinished. From reports received "I am given to understand that the earthwork sustained much damage during the "last monsoons."

B.—Tada to backwater near Salt Cotaur.—"This is described as falling into ruts "from the heavy traffic upon it. Mr. Plunkett, however, says "it is of no use to "the Salt Factory, as it leads to what is known as 'Tada Port,' and is generally "used for carting firewood, etc., taken to the port for transmission to Madras by "boat on the Pulicat lake and canal. A separate branch from the Salt Cutcherry "at Bodilingampad to the platforms is required, and the Engineers have been "asked for an estimate, which, so far as I am aware, has not been furnished, "though two years have elapsed since it was asked for." It appears that the plan and estimate originally prepared were returned for revision on the 10th February 1869, (No. 289,) and have not been sent back by the Superintending Engineer.

F.—Iskapalli to Allur.—"This line has been maintained in fair order; a "branch from the village to the salt platform is needed here also, and the necessary "estimate was prepared and sent in last year. I am not aware what steps have "been taken to obtain sanction for the estimate." Mr. Plunkett here refers to the estimate mentioned in paragraph 19 of Mr. Dykes' letter,* dated 21st January 1869, No. 275. It appears from this office register that the estimate and plans were forwarded to the Board on the 11th February 1869. No sanction has been received so far as known.

* Recorded in Board's Proceedings, dated 7th May 1869, No. 3,081.

I.—Ullapalem to Trunk Road No. 6.—This line is in fair order; I went over it in February last. A branch is required to the Binginipally platform.

K.—Koppalu to Biramgunta.—This line exists more in name than in reality. Mr. Boswell reported in 1867 on its then condition. Nothing more has ever been done to make a road. Of the two tunnels near the platform one has partly given way and the other seems likely to follow.

Letter, dated 28th October 1867, No. 1,187, recorded in Board's Proceedings, 24th March 1868, No. 2,096.

12. There is another short line which should be mentioned here, though it is not included in the list recorded in Board's Proceedings of 3rd October 1868, No. 6,990. It is the approach through the Dugarazpatam village to the salt platform alluded to in Mr. Boswell's letter of 28th October 1867, No. 1,187. I am told that Rupees 4,778 have been spent on this line altogether, but, as it has never been completed, it is almost worse than useless. In 1868 the Executive Engineer promised to get funds allotted in 1869. This was not accomplished. For the current year 1870-71 he has been equally unsuccessful in obtaining funds. It is impassable for wheeled traffic, and the masonry works are still unbuilt. The work already done is suffering from having been neglected so long. I examined this line last month, and found that the laterite boulders carted to form the surface of the road had never yet been broken up.

Board's Proceedings, dated 28th March 1868, No. 2,096.

13. The only other expenditure under the head of "Communications" during the year has been the following :—

	RS.
New Works.—Construction of a culvert	365
Alteration in Mr. Whish's bungalow at Kavali to adapt it for a travellers' bungalow	136
	501
Repairs.—To three travellers' bungalows	84
Total...	585

14. Irrigation Works.—During the year 66,349 Rupees were laid out on new works of irrigation, and this amount falls below that in the previous year by Rupees 24,805. A sum of Rupees 59,998 was spent for carrying out the improvements to the Survapally channel in connection with the Pennair Anicut, and on the channel from the Venkatagiri river to the Chennur tank Rupees 2,200 were laid out. The remaining sum, viz., Rupees 4,151, was appropriated for minor irrigation works, such as construction of embankments, sluices, etc. The expenditure on repairs amounted to Rupees 24,085 which is less than that in the preceding year by Rupees 28,258.

15. The following statement exhibits the total expenditure incurred in the several talooks for New Works and Repairs under the head "Irrigation," as

compared with the revenue derived during the year from the several works of irrigation :—

Names of Talooks.	Area irrigated and the assessment as adjusted for 1869-70.		Expenditure under the Public Works Department during 1869-70 on works of irrigation.		Total.	Comparison of expenditure with revenue.	
	Area.	Assessment.	New Works.	Repairs.		On repairs.	Total.
	ACRES.	RS.	RS.	RS.	RS.	PER CENT.	PER CENT.
Gudur	44,615	2,15,334	3,168	3,062	6.230	1½	3
Rapur	4,106	21,843	...	1,431	1.431	7	7
Nellore	88,632	3,62,320	1,381	10,431	11,812	3	3¼
Atmakur	17,311	87,589	343	3,478	3,821	4	4¼
Kavali	19,485	90,4[illegible]6	...	3,368	3,368	4	4
Udayagiri	1,739	9,853	...	...	...	...	...
Ongole	2,454	16,068	42	208	250	1¼	1½
Kandukur	14,009	73,742	208	860	1,068	1	1½
Kanigiri	564	4,176	...	...	...	...	...
Total...	1,92,915	8,81,411	5,142	22,838	27,980	...	...
Expenditure on the Pennair Anicut distributed over two talooks	...	...	673	719	1,392	...	...
Expenditure on improvements to Survapally channel in connection with Nellore Anicut	...	...	59,998	...	59,998	...	...
Jaffer Sahib's channel ...	...	...	...	...	...	...	...
Kistnapatam canal	...	...	...	...	...	...	...
Pennair embankment ...	...	...	536	528	1,064	...	...
Total...	...	...	61,207	1,247	62,454	...	...
Grand Total...	...	...	66,349	24,085	90,434	2¾	10¼

16. The marginal abstract shows that the total number of minor agricultural works in all talooks was 153, of which 103 were either completed or in progress at the close of the year, while 50 had been stopped for want of funds.

Statement of minor agricultural works entered in the Progress Reports of the four ranges of Nellore District.

Works.	Number completed or in progress.	Number on which work has been stopped.	Total number in Progress Reports.
New Works ...	19	24	43
Repairs ...	84	26	110
Total...	103	50	153

17. BUILDINGS.—The total expenditure under this head during the past year is Rupees 7,273 on New Works and Rupees 1,085 on Repairs, making a total of Rupees 8,358 against an expenditure of Rupees 39,601 last year. Most of this amount was laid out in making alterations and additions to the Talook and Sub-Magistrate's Cutcherries at (1) Gudur, (2) Rapur, (3) Atmakur, (4) Udayagiri, (5) Kandukur, (6) Kanigir, (7) Addanki, and (8) Darsi. At the first four of these, however, the work has been stopped. At Gudur the walls of the proposed Sub-Magistrate's Office and of the record-rooms have been raised. Nothing has been done to improve the

Sub-Jail. Further funds are urgently required to roof in the building. Materials have been collected at the next three stations, but further preparations are postponed. This does not look like progress. On each of the Sub-Jails of Sulurpett and Venkatagiri there was an expenditure, up to the end of 1868-69, of Rupees 1,250, but they find no place in the reports of 1869-70.

18. At Kanuparti last January I saw the new Salt Cutcherry on which 200 Rupees have been spent during 1869-70, roofless and unfinished.

19. The sum of Rupees 1,085 was expended in repairing the Pennair Anicut office, the Engineer Storeyard, Christ Church at Nellore, and the Salt Cutcherry at Iskapalli.

20. I have the honour to forward, for the information of the Board, the reports* of the Sub-Collector and Head Assistant Collector on the progress of public works in their respective ranges furnished to this office in accordance with the Board's Standing Circular No. 81, of 1865. Both these officers refer to *Local* as well as *Imperial* works, but this report only refers to the latter. The expenditure from Local Funds will form the subject of a separate report.

* Sub-Collector's No. 235, dated 13th May 1870.
Head Assistant Collector's No. 167, dated 21st May 1870.

21. A statement showing the mileage of the Imperial roads in this district, as classified in paragraph 9 of the Government Order, dated 11th November 1868, and the lengths made, maintained, and left unfinished, is annexed. The figures in the statement have been extracted from the returns received from the Range Officers of the Department Public Works, and it will be observed that they do not tally with those in the statement submitted to the Board, with the late Acting Collector's letter, No. 2,031, of the 27th October last, recorded in Board's Proceedings, No. 8,476, of the 16th November 1869. On this point I am about to address the Superintending Engineer, and the result will be communicated in due course.

Number of the road as given in paragraph 9 of Government Order, dated 11th November 1868, No. 2,881.	Names of Roads.	Total number of miles of road in the district.	Number of miles maintained in good order.	Number of miles which have been completed.	Number of miles under construction.	Number of miles not yet commenced.	Remarks.
I.	Great Northern road from Madras to Calcutta.	151½	125½	8	...	...	18 miles have been completed in previous years.
VII.	Kottapatam on Nellore coast.	69	11	...	...	22¼	35¾ miles side channels were cut and earth road formed, but not gravelled.
VIII.	Kistnapatam on Nellore coast to Cazeepet, on the roads from Kurnool to Cuddapah (*via* Nellore and the Dorenal Pass.)	77	*47	8	4	18	* 6 miles not metalled.

Number of the road as given in paragraph 9 of Government Order, dated 11th November 1868, No. 2,831.	Names of Roads.	Total number of miles of road in the district.	Number of miles maintained in good order.	Number of miles which have been completed.	Number of miles under construction.	Number of miles not yet commenced.	Remarks.
	Salt Roads.						
8	Kistnapatam to Ramdoss Choultry.	14	...	...	...	14	
9	Dugarazpatam to Great Northern road.	20	20	...	...	...	

(Signed) C. G. MASTER,
Officiating Collector.

From the Officiating Sub-Collector, to the Officiating Collector of Nellore, dated Ongole, 13th May 1870, No. 235.

I HAVE the honour to submit the following report on public works for the year 1869-70.

2 Under the head " Agricultural " the expenditure was very trifling, being for Original Works Rupees 250 and for Repairs, Rupees 1,068-5-0.

3. Civil Buildings—Original, Rupees 2,192-2-8. This includes the expenditure on the Salt Cutcherry at Kanuparti and on New Works in connection with the various Talook Cutcherries. Repairs, Rupees 22-11-10.

4. Communications—Original, Rupees 14-677-4-1, Repairs, Rs. 7,694. With the exception of Rupees 59-3-5 spent on the travellers' bungalow at Tangatur, and Rupees 8-13-4 on the travellers' bungalow at Singaroyaconda, this expenditure was on account of the trunk road, the Kottampatam and Ongole roads, and the Ongole and Cumbum road. The trunk road is, on the whole, in fair condition, though in some parts it was much cut up by the heavy rains in January, and in three or four places was completely carried away to a length of thirty or forty yards. The obstruction thus offered to the traffic is, of course, considerable. The Ongole and Kottapatam road is in good order for about five miles of its length, for the other five miles, notwithstanding that large sums have been spent on it, and it was but recently constructed, the materials were so badly put together that the road is utterly impassable, and, so far as a non-professional observer can judge, always will be. This road was also much injured by the inundations, and a considerable portion of it near Kottapatam entirely carried away. The Ongole and Cumbum road is in a generally good condition.

5. Of the local roads, that from the sea coast *via* Kandukur, Ponnalur, and Kanigiri to Vemalapad Pass has been in progress during the year, and such portions as are complete seem to have been well executed. The Tettoo and Ramapatam road is in fair order. Other local roads sanctioned have not been commenced at all, or the expenditure yet incurred on them has been very trifling.

From the Acting Head Assistant Collector, to the Officiating Collector of Nellore, dated 21st May 1870, No. 167.

I HAVE the honour to report on the public works in my division for the year 1869-70.

2. The total amount expended during the year both from Imperial and Local Funds has been Rupees 23,949-12-0, of which sum the largest proportion has been from Local Funds. Rupees

12,968-7-0 were spent in Udayagiri, and the rest, Rupees 10,981-5-0, in Kavali. Details of expenditure are shown in the subjoined statement—

Work and Talook.	Imperial.		Local.		Total.	
	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.
Kavali	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Civil Buildings ...	136 6 3	....	....	....	136 6 3	....
Agricultural ...	....	3,367 10 10	....	....	....	3,367 10 10
Communications ...	3,977 13 10	2,495 1 8	1,004 4 5	....	4,982 2 3	2,495 1 8
Total...	4,114 4 1	5,862 12 6	1,004 4 5	....	5,118 8 6	5,862 12 6
Udayagiri.						
Civil Buildings ...	2,454 11 7	....	....	....	2,454 11 7	....
Agricultural ...	....	....	....	....	....	....
Communications ...	....	....	9,243 12 9	1,269 14 8	9,243 12 9	1,269 14 8
Total ...	2,454 11 7	....	9,243 12 9	1,269 14 8	11,698 8 4	1,269 14 8
Grand Total	6,568 15 8	5,862 12 6	10,248 1 2	1,269 14 8	16,817 0 10	7,132 11 2

3. It will be seen from the above that very little was expended from Imperial Funds in the Udayagiri Talook, and what was expended was only a small sum on Civil buildings, the roads and tanks being left untouched. The building in question was the Udayagiri Cutcherry, operations on which are now suspended for the present ; materials have been partly collected. There was a considerable expenditure, Rupees 10,513-11-5, from Local Funds in this talook. This was on two roads, that from Kaligiri to Udayagiri and the branch from Dorenal road to Udayagiri. The former is not quite finished.

4. In Kavali the expenditure from Local Funds was small ; it was chiefly on the road from Kavali to Kaligiri. Here, however, there was a larger expenditure from Imperial Funds, amounting to Rupees 9,976-0-7 ; of this, rather less than two-thirds was spent on the northern trunk road crossing the talook, chiefly in bridging over the Musunuru valley and metalling the road across it, the remaining one-third was spent in repairing fifteen tanks, the principal of which are those of Gattupalli, Rudrakota, Tummalapenta, Jaladanki, Chinna Annaluru, and Gavaravaram.

5. There is not much to show in the way of roads in my division, the northern trunk road runs through Kavali and there is also a road in progress from Kavali and Kaligiri ; then there is a branch road from the Dorenal road to Udayagiri, and a road from Kaligiri to Udayagiri. The trunk road is in very fair order, and the branch road from the Dorenal road to Udayagiri tolerable, though it is heavy and sandy here and there and broken in places by Vagus and Nullas, the others are only in progress.

6. With regard to tanks I had occasion to inspect ten or twelve while on tour in September and October of 1869 and February and March of this year, and found them in general to be in a pretty fair state of repair ; a few, among which may be mentioned those of Kavali, Jaladanki, and Kaligiri, wanted repair at the time of my inspection ; the bund of the Jalandanki tank in particular had many holes and large cracks in it.

7. Several applications were made to me from ryots when on circuit and since in connection with the repair of and improvements to their tanks, but these details cannot well be gone into here. All such applications are registered in my office and the Range Officer is communicated with, but I am afraid at the present time few only can be taken into consideration.

THE Collector reports on the state of public works in his district. The total expenditure of the year was Rupees 1,20,000 less than in the previous year. There are three lines of Imperial main road in the district. Of the northern trunk road 135 miles are said to be in good order.

2. The road from Kistnapatam towards the Dorenal Pass has forty-seven out of seventy-seven miles good, but that from Kottapatam *via* Ongole towards Cumbum, is almost impassable near the former place; this is the more to be regretted, as it is one of the chief salt roads. Mr. Master has included his report on salt roads in this letter, but he should not do so in future. The two reports are required for two distinct purposes and cannot conveniently be disposed of in the same Proceedings.

3. The minor salt roads are not in the state of repair which is essential to the maintenance of the salt revenue.

4. With regard to irrigation works, about Rupees 60,000 were spent on the Pennair Project out of a total of 90,000. Mr. Master does not give any information as to the general condition of the irrigation works of the district, but he points out that in Nellore, as elsewhere, work has been stopped on new buildings, at Gudur, Rapur, Atmakur, and Udayagiri.

No. 144. ORDER THEREON, 9th September 1870, No. 2,165.

ESTABLISHMENT, No. 12.

COMMUNICATED to the Superintending Engineer of the 2nd Division who will submit a report on the state of the Ongole and Kottapatam road referred to in paragraph 2.

(Signed) CHARLES, A. ORR, Colonel, R.E.,
Secretary to Government.

No. 147. Read the following letter from the Acting Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Camp at Tripatore, 2nd September 1870, No. 111 :—

One original letter from Serjeant Pimm.

I HAVE the honour to forward herewith, for the favourable consideration and sanction of Government, an application submitted by Serjeant H. Pimm, Sappers and Miners, Surveyor attached to this division, and recommended by the Range Officer, for a tent to be supplied complete to the Serjeant, who is prepared to pay for the same in twelve months' instalments in the manner stated by him.

2. As Serjeant Pimm is shortly about to re-marry, and the possession of a good tent is a matter of much moment to him in the kind of work on which he is likely to be employed probably for several years, I trust that Government will be pleased to grant him the indulgence he solicits.

No. 148. ORDER THEREON, 9th September 1870, No. 2,167.

ESTABLISHMENT, No. 13.

As the Quartermaster-General has intimated that European tents cannot be spared from the Camp Equipage Stores

for the use of the Public Works Department, the Government are unable to comply with the request preferred in this letter on behalf of Serjeant Pimm.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 159. Read the following letter from the Superintending Engineer, 2nd Division, to the Secretary to Government, Public Works Department, dated Masulipatam, 31st August 1870, No. 1:—

The Controller of Public Works Accounts having lately informed me that the rules for occupation of Government buildings in Chapter XI., Public Works Code of the Government of India, is applicable to this as well as the Military Department, I have the honour to request that Government will be pleased to allow the occasional occupation by public officers of the lock bungalow at Bezwarah on payment of a fee of 8 Annas per day.

No. 160. Order thereon, 9th September 1870, No. 2,174.

ESTABLISHMENT, No. 14.

Sanctioned on payment of a fee of 1 Rupee per diem instead of 8 Annas as proposed by the Superintending Engineer.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 163. Read the following letter from the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Camp at Kokunte, Kudri Talook, Bellary, 24th August 1870, No. 1,216:—

I have the honour to forward, for disposal, the enclosed medical certificate recommending Mr. S. P. Howell for an extension of seven days' leave in continuation of the leave applied for in this office letter, No. 1,157, dated 13th instant.

2. Agreeably to G. O., No. 1,154, dated 2nd May last, Mr. Howell's name has been struck off the strength of the department from the 15th August 1870, or three months from date of communicating to him the above Order of Government for dispensing with his services.

No. 164. Order thereon, 10th September 1870, No. 2,176.

ESTABLISHMENT, No. 15.

Under the Orders of Government of the 2nd May 1870, No. 1,154, Mr. Howell is no longer a member of the Public Works Executive Establishment. The leave applied for by Mr. Howell is therefore unnecessary, and he will be informed accordingly by the Superintending Engineer.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Read the following papers :—

No. 175. From the Collector of Cuddapah, to the Secretary to Government, Public Works Department, dated Camulamadugoo, 8th August 1870, No. 31.

I HAVE the honour to submit an application and its enclosures in original from Mr. first-class Surveyor Moore, praying that he may be exempted from passing the examination prescribed for Talook Overseers, and declared eligible to hold such an appointment.

2. Mr. Moore has been for nearly seven years employed in the Revenue Department in connection with the Irrigation and Canal Company, but by a recent Order of Government his services have been suddenly dispensed with.

3. Under these circumstances, and because Mr. Moore has always borne a good character, as a steady, competent man, and because I believe he would certainly make a better Overseer than the majority of the men of that grade at present employed in this district, I venture to support his application.

4. Mr. Moore is an East Indian and thoroughly acquainted with Teloogoo. Captain Edgcome, R.E., knows him, and has written to me on his behalf.

REFERRED to the Principal of the Civil Engineering College for such remarks as he may have to offer.

FORT SAINT GEORGE, (Signed) CHARLES A. ORR, Colonel, R.E.,
12*th August* 1870. *Secretary to Government, P.W.D.*

No. 176. From the Principal of the Civil Engineering College, to the Secretary to Government, Public Works Department, dated Chepauk, 16th August 1870, No. 225-C.

IN reply to your endorsement of the 12th instant on letter, No. 31, dated 8th idem, from the Collector of Cuddapah, I have the honour to inform you that a reference to the office records shows that Mr. W. T. P. Moore was a student in this College for two years and three months, and that in the final examination in May 1863 he failed to qualify as Overseer, but obtained a first-class certificate as Surveyor.

2. The reason that he advances for not having obtained an Overseer's certificate, namely, "that he was unable to prosecute his studies any length of time," is therefore untenable, for the usual period of study is one year and ten months, which period he exceeded by five months.

3. With regard to the 4th paragraph of the Collector's letter, I would remark that, although I have felt justified in writing on behalf of Mr. Moore in consequence of my favourable recollection of him as a student, and because his testimonials are of creditable stamp, I am not aware that I ever recommended his being exempted from the usual examination for Overseers, nor am I disposed to do so now; but I am prepared, as a very special case, to recommend that, provided no passed candidates are available, Mr. Moore be entertained temporarily as Overseer on condition that he be prepared to pass the usual College examination in May next.

4. The enclosures that accompanied your endorsement are herewith returned.

No. 177. ORDER THEREON, 12th September 1870, No. 2,182.

ESTABLISHMENT, No. 16.

THE foregoing letter from the Principal of the Civil Engineering College will be communicated to the Collector of Cuddapah.

2. As there is nothing to show that Mr. Moore is sufficiently qualified for the post of a Talook Overseer, the Government are unable to exempt him from the prescribed test.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 178. Read the following letter from the Principal of the Civil Engineering College, to the Secretary to Government, Public Works Department, dated Chepauk, 25th August 1870, No. 253 C. :—

I HAVE the honour to request to be informed if the services of Lieutenant Christie, R.E., (now employed in the Perryaur project,) can be placed at my disposal for appointment as Acting Professor of Mathematics during Mr. Bradshaw's absence on leave to England.

2. I have ascertained that Lieutenant Christie is willing to accept the appointment under certain conditions.

No. 179. ORDER THEREON, 12th September 1870 No. 2,183.

ESTABLISHMENT, No. 17.

As it is most important that the surveys connected with the Perryaur project on which Lieutenant Christie is now engaged should be completed without interruption, the Government regret that they cannot place the services of that officer at the disposal of the Principal of the Civil Engineering College.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

Read the following papers :—

No. 186. From the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Cuddapah, 18th August 1870, No. 1,172.

I HAVE the honour to submit, for the sanction of Government, the accompanying original letter from the Executive Engineer, Cuddapah Range, with bill for Rupees 890, as it appears to me that by Clause VII. of Circular from Government of India, communicated with G. O., No. 3,061, of 20th September 1869, Mr. O'Ratigan is entitled to the allowance.

One original letter.
,, bill.

From Mr. P. O'RATIGAN, Officer in charge of the Cuddapah Range, to the Superintending Engineer, 3rd Division, dated Cuddapah, 8th August 1870, No. 510.

REFERRING to paragraph VII. of the Circular from the Government of India, dated 23rd August 1869, communicated with G. O., No. 3,061, dated 20th September 1869, I have the honour to submit a bill, amounting to Rupees 890, for your countersignature, the same being the acting allowance due to me for holding charge of two Ranges since the 4th November 1869, at the rate of Rupees 100 per mensem.

2. There has been a large saving as you are aware of by the arrangement, as Mr. Haddock's pay and travelling allowance amounts to Rupees 300 per mensem, or to Rupees 2,700 for the nine months that I have had charge of the Range, and even deducting my claim the Government will save Rupees 1,810.

3. Should you feel doubtful of my claim, I beg that you will refer the matter to Government for consideration, as officers in all other departments in the Presidency receive extra pay for extra work, and I suppose the same indulgence will be granted to the Public Works Department on the matter being brought to notice.

REFERRED to the Controller of Public Works Accounts for report.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government, P.W.D.

FORT SAINT GEORGE,
23rd August 1870.

No. 187. From the Controller of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 25th August 1870, No. 1,019.

ADVERTING to your endorsement on the enclosed letter from the Superintending Engineer of the 3rd Division, I have the honour to state that the claim to deputation allowance put forward by Mr. Executive Engineer O'Ratigan for the charge of the Pullempatt Range, in addition to his own, is untenable, as will be observed on reference to paragraph 4 of the letter from the Accountant-General of the Public Works Department of the 7th June 1865, No. 613, and the Order of Government thereon, No. 1,823, dated 30th idem.

Two letters.
One bill.

2. In promulgating to the officers of this Presidency the Circular of the Government of India of the 23rd August 1869, No. 72, it appears to me that, through inadvertence, it was omitted to be notified that Clause VII. of the new rules was inapplicable to the Madras Public Works Department, where the executive charges are organized on a different footing from that obtaining in Bengal and in the provinces more immediately under the Government of India.

3. The particular case now before Government is that of an *Executive Engineer* holding, in addition to his own Range, the charge of one previously presided over by a *Supervisor of the 2nd Grade.* In such a case it appears to me that a claim to deputation allowance is altogether unsustainable.

It may be well to add that the total outlay on works, Imperial and Local, in the Pullempatt Range from the 1st November 1869 to the 31st July 1870, was

only Rupees 13,646, giving an average of about Rupees 1,500 per mensem. The subordinate Executive Establishment attached to the Range during this period was as follows :—

Imperial.	RS.	A.	P.
Two Overseers, from November 1869 to April 1870, at Rupees 60 per mensem	720	0	0
Two Overseers for May and June 1870	240	0	0
Three do. for July 1870	180	0	0
Military pay and ration money of an Overseer from November 1869 to June 1870	196	5	4
Total...	1,336	5	4
Local.			
One Overseer from 1st November 1869 to 12th May 1870	383	3	7
One Overseer from June to July 1870	120	0	0
Two Maistries from November 1869 to July 1870	360	0	0
One Lascar from 23rd June to 31st July 1870...	7	9	7
Total...	870	13	2
Grand Total for nine months...	2,207	2	6

for little more than sixteen per cent. on the outlay on works.

4. In the Cuddapah Range, which is Mr. O'Ratigan's substantive charge, the outlay on works (Imperial and Local) from 1st November 1869 to 31st July 1870 was Rupees 9,384, while the audits on account of the salaries alone of the Executive Establishment amounted to Rupees 7,811, or upwards of eighty-three per cent. on the expenditure on works. Taking the Cuddapah and Pullumpatt Ranges together, there was a total expenditure on the salaries of the Executive Establishments of Rupees 10,018, or nearly forty-two per cent. on the aggregate outlay on works, namely, Rupees 23,030. If the charges on account of office establishments, travelling allowances, and contingencies, be added, the per-centage of establishments would be even higher than is shown above.

No. 188. ORDER THEREON, 12th September 1870, No. 2,187.

ESTABLISHMENT, No. 18.

The Superintending Engineer of the 3rd Division will be informed that, under the operation of the rules promulgated with G. O., No. 1,823, dated 30th June 1865, Mr. O'Ratigan is not entitled to deputation allowance for the period during which he held charge of two Ranges in the Cuddapah District, and looking to the insignificant expenditure on Public Works the control of which devolved upon Mr. O'Ratigan during the time in question, the Government see no reason to make any exception in his favour.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 213. Read the following letter from the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Camp at Goorumcondah, Voilpaud Talook, Cuddapah, 7th September 1870, No. 1,292 :—

WITH reference to G. O., No. 15, of 3rd instant, I beg to state that, as a rule, I have invariably signed all travelling allowance bills, contingent bills, and salary bills, though I may have asked Colonel Palmer, when I was in Bellary, to sign one or two for me, after I had approved of them.

2. The Controller of Public Works Accounts accepts appropriation returns and indents for money when signed by Colonel Palmer for me, as this prevents delay when I am away from head-quarters; but the question is what documents should always be signed by me, and what may be signed for me.

3. In this department there is no recognised rule as there is in the Revenue Department, where the Assistant Collector can always sign for the Collector. I am sometimes away from my head-quarters for a few days without any of my office, and in this case send in drafts to be copied and despatched with Colonel Palmer's signature attached for mine.

4. In paragraph 8 of the letter from the Civil and Session Judge of Bellary, attached to G. O., No. 903, of 29th June 1870, in the Judicial Department, that gentleman complained of the docket being signed by the Executive Engineer for me. On this Government made no remark, and I was left in ignorance of the views or wishes of Government; but to prevent any other officer fancying that I wish to treat him with discourtesy, because I should get the Executive Engineer near my head-quarters to occasionally sign for me, I respectfully request that, for future guidance, Government will lay down some rule.

Public Works G. O. No. 1,708 of 16th July 1870.

5. I trust that Government will not consider that I am writing this in any contumacious spirit; my wish is merely to have some rule to guide me, and what I have done always was to prevent delay in the despatch of business.

No. 214. ORDER THEREON, 13th September 1870, No. 2,198.

ESTABLISHMENT, No. 19.

THE Superintending Engineer will be informed that the Government are not prepared to lay down specific

instructions on the subject of the foregoing letter. As a general rule all communications from the Superintending Engineer's Office should bear his signature or counter-signature as the case may be. Only in cases of special necessity should a deviation from this rule be permitted.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 231. Read the following :—

No. 1,112.

Supplemental Return of lands held by public servants in the 3rd Division acquired by them prior or subsequent to their entering the service of Government for the year 1869-70.

Name.	Office and Department.	District and Talook in which land is situated.	Land acquired.		When acquired whether prior or subsequent to the employment in the public service.	By what means acquired.	Nature of interest possessed by such servant in such landed property.
			Extent.	Assessment.			
			A. C.	RS.	Kurnool District. *Cumbum Range.*		
V. Soobramaniam.	First Assistant Accountant.	Cuddapah District, Poddatoor Talook.	50 96	16	Prior to employment in public service.	Hereditary.	Two brothers have an equal share with Soobramaniam, *i. e.*, Soobramaniam has a third share.

Remarks.—Not in his Range.

Madras,
5*th September* 1870.

(Signed) S. BROCK,
Controller of Public Works Accounts.

To the Secretary to Government, Public Works Department, in continuation of No. 981, dated 22nd August 1870, from this office.

No. 232. Order thereon, 14th September 1870, No. 2,207.

ESTABLISHMENT, No. 20.

Ordered to be recorded.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 251. Read the following letter from the Executive Engineer in charge of the Superintending Engineer's Office, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 9th September 1870, No. 2,426 :—

With reference to paragraph 2 of Government Order, No. 2,953, dated 8th September 1869, I have the honour to report that Masilamony Moodelly, late Head Accountant of the Mount Range, Chingleput District, has paid the fine of Rupees 104

imposed upon him by the Cantonment Magistrate, Saint Thomas' Mount, to cover the full amount of the defalcation referred to in paragraph 9 of Colonel Bean's letter, No. 2,682, dated 24th August 1869, embodied in the above order.

2. The amount has been carried to the credit of Government.

No. 252. ORDER THEREON, 15th September 1870, No. 2,217.

ESTABLISHMENT, No. 21.

COMMUNICATED to the Controller of Public Works Accounts with reference to G. O., No. 2,953, dated 8th September 1869.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 257. Proceedings of the Madras Government, 15th September 1870, No. 2,220.

ESTABLISHMENT, No. 22.

CONDUCTOR G. Wiffen, Sub-Engineer of the 3rd Grade, having reported his return from furlough to Europe, is posted to the Tambrapoorney (Irrigation) Range of the Tinnevelly District—to join, and he will be regarded as on duty at the Presidency from the 9th instant.

(Signed) CHARLES, A. ORR, Colonel, R.E.,
Secretary to Government.

No. 263. Read the following Proceedings of the Board of Revenue, dated 19th August 1870, No. 5,376 :—

Read the following letter from the Collector of the Godavery District, to the Acting Secretary to the Board of Revenue, dated Cocanada, 12th July 1870, No. 199.

I HAVE the honour to submit my report on the Public Works executed in this district during the past official year 1869-70, with a statement showing the expenditure on those works compared with that of the preceding year.

2. The expenditure during the year on New Works and Repairs amounted to Rupees 3,26,948-1-8, or Rupees 97,632-9-7 below the outlay of the year preceding.

3. The following is a comparative statement of expenditure in the two years :—

Items.	Actual expenditure in 1868-69.	Actual expenditure in 1869-70.	Increase or decrease.	
	RS.	RS.		RS.
New Works.				
Irrigation	1,99,933	1,17,701	—	82,232
Communications	813	15,618	+	14,805
Buildings	82,655	32,675	—	49,980
Total, New Works...	2,83,401	1,65,994	—	1,17,407
Repairs.				
Irrigation	1,10,604	1,38,288	+	27,684
Communications	26,191	17,661	—	8,530
Buildings	4,385	4,956	+	571
Total, Repairs...	1,41,180	1,60,905	+	19,725
Total, New Works and Repairs	4,24,581	3,26,899	—	97,682
Tools and Plant	......	49	+	49
Grand Total...	4,24,581	3,26,948	—	97,633

4. I have not inspected, but only casually observed several of the works while in progress, as I did not consider myself authorized to do more.

5. It will be seen that, under new irrigation works, the amount expended this year is less than in the previous year by Rupees 82,232. The cost of improvements to the Akeed Canal last year was Rupees 52,116, but this year it was not necessary to spend more than Rupees 7,735 to complete the work. The widening of the Samalcottah Canal is the next large item. The work has progressed for twenty-two miles. The expenditure this year was Rupees 22,466 against Rupees 59,093 in the year past. On the extension of irrigation in the western delta, a larger sum was expended this year than before. Most of the Minor Works were completed, and hence the diminution of expenditure under "new irrigation works."

6. Under "Communications" there has been a larger expenditure this year than in 1868-69. Some of the works appear to have been begun without sanction and stopped afterwards.

7. On the buildings noted in the margin the expenditure during this year was less than in the past year owing to the first work having been stopped for want of funds, and the second having been completed; hence the decrease of Rupees 49,980 under the head "Buildings."

1. Constructing Central Jail at Rajahmundry.
2. Improving Government Workshop building and building dock at Dowlaishweram.

8. An increase of Rupees 27,684 in the "expenditure on repairs of irrigation works," and a decrease of Rupees 8,530 under the head of "Communications," are observable. Extensive repairs were made this year to the different irrigation

canals and drainage channels and agricultural tanks, and this accounts for the increase under the first-mentioned head. The decrease under the latter head is in the repairs of navigable canals.

9. Some of the important works carried out during the year are the following :—

Twenty-two miles of earthwork and forty-one bridges and culverts were completed on the Samalcottah Canal, for the improvement of which Rupees 1,31,200 were sanctioned. This work will, when fully completed, prove very beneficial to the agricultural and commercial interests of the district. New locks for commanding larger supplies of water in the Cocanada Canal are intended to be built, and these, when executed, will be a great improvement. The improvement of the Akeed Canal, the extension of irrigation in the western delta, and the improvement of the Ellore Canal, will advance materially the agriculture of the portions under their influence. The great northern road from Rajahmundry to Tuni has been improved at an expense of Rupees 6,874-5-6. Ninety-six yards were gravelled and metalled. Rupees 1,395-11-4 were spent for dredging the Cocanada Harbour on the bar. The necessity for carrying out this work thoroughly was brought by me under the notice of Government.

10. Buildings.—The Subsidiary Jails built afford accommodation to prisoners now incarcerated in inconveniently situated cells in other buildings.

11. A statement showing the mileage, etc., of the imperial roads constructed or maintained during the year will be submitted on receipt of the information from the Superintending Engineer, who has been requested to furnish me with the same in the form adopted by the Board in their Proceedings, dated the 14th January last, No. 261.

Enclosure No. 1.—Return of Public Works expenditure for 1869-70.

Submitted for the information of Government.

2. The Collector reports that the expenditure in 1869-70 fell short of that in 1868-69 by 97,000 Rupees.

3. The decrease occurred chiefly in new works of irrigation and buildings.

4. The chief new works of irrigation in progress were improvements to the Akeed Canal and to the Samalcottah Canal ; the latter was widened with improved bridges for twenty-two miles at a cost of Rupees 22,000. Under Buildings the Central Jail at Rajahmundry was proceeded with for a time, but work was stopped there as elsewhere.

5. The workshop and dock at Dowlaishweram were completed. Under Irrigation Repairs an increase of expenditure of Rupees 27,000 is observable.

6. A sum of Rupees 6,874 was spent for the northern trunk road.

7. Adverting to paragraph 4 of the Collector's report the Board do not understand why Mr. Fraser does not consider himself authorized to do more than *casually observe* the works under progress in his district. So long as Revenue officers do not interfere with the orders of the officers of the Department of Public Works, they are perfectly justified in closely inspecting all works connected with the Revenue administration of their districts; indeed it is their duty to do so.

7. The Board regret that they feel bound to express their opinion that such a report as Mr. Fraser has submitted on an expenditure of Rupees 3,27,000 is most unsatisfactory.

No. 264. ORDER THEREON, 15th September 1870, No. 2,224.

ESTABLISHMENT, No. 23.

COMMUNICATED to the Superintending Engineer of the 1st Division.

(Signed) CHARLES A. ORR, Colonel R. E.,
Secretary to Government.

No. 267.

Read the following:—

No. 981.

PUBLIC WORKS DEPARTMENT.

Register of lands held by public servants for the year 1869-70 *prepared agreeably to paragraph* 2 *of G. O., No.* 2,957, *dated* 23*rd September* 1867.

Name of Officer or Subordinate.	Office and Department.	District and Talook in which land is situated.	Land acquired. Extent.	Land acquired. Assessment.	When acquired and whether prior or subsequent to employment in the public service.	By what means acquired.	Nature of interest possessed by such servant in such landed property.	Remarks.
			Ganjam. Same as last reported. Alterations, none. *Vizagapatam.* Same as last reported. Alterations, none. *Godavery.* Alterations, none.					
No. 1 and late No. 5 Ranges.	....	....	Alterations as follows:—					
No. 2 Range	....	....	A. C.	RS. A. P.				
C. Basca Row ...	Talook Overseer...	Amalapur Talook, Godavery District... ...	35 86	62 2 0	Unknown	Purchased ...	The land was purchased by his sons, the money having been paid by their mothers through their uncles.	Land situated in his Range.
No. 3 Range	....		Alterations as follows:—					
A. Ramachendriah ...	Delta Superintendent.		Transferred to No. 4 Range, Godavery.					
No. 4 Range	....		Alterations as follows:—					
Y. Soondarasiva Row...	Delta Superintendent.		Transferred to No. 2 Range, Godavery.					
No. 6 Range	....		Alterations, none.					

Register of lands held by public servants for the year 1869-70 *prepared agreeably to paragraph* 2 *of G. O., No.* 2,957, *etc.*—(Continued.)

Name of Officer or Subordinate.	Office and Department.	District and Talook in which land is situated.	Land acquired. Extent.	Land acquired. Assessment.	When acquired and whether prior or subsequent to employment in the public service.	By what means acquired.	Nature of interest possessed by such servant in such landed property.	Remarks.
			Kistna. A. C.	RS. A. P.				
No. 1 Range. C. Vencanna ...	Cannanore Lock Goomastah.	Gudiwada Talook.	13 87	56 0 0	By ancestors prior to his employment.	Purchased in sale.	None.	Not in the Range in which he is employed.
No. 6 Range. A. Lakshmi Nursimbak Row.	Veeranty Lock Goomastah.	Royyur, Bezwada Talook.	9 3	9 5 0	Acquired by his forefathers many years ago.	Charity ...	Given to ryots for cultivation jointly employed with other shares.	$\frac{1}{9}$th share } Speedy arrangements will be made for the transfer of this man to some other locality.
		Madoor Talook...	9 3	4 3 0				$\frac{1}{9}$th ,,
		Veerantry do...	7 0	9 0 0				$\frac{2}{3}$rd ,,
		Vundurpudy do...	307 0	520 0 0				$\frac{1}{18}$th ,,
M. Rammana ...	Acting Delta Goomastah.	Dandoomoody in Baupetla Talook.	12 62	6 4 0	Acquired by his father about five years ago.	Purchased ...	Given to ryots for cultivation.	Not in the Range in which he is employed.
No. 1 Range. V. Vencatasubiah ...	Delta Goomastah.	Bunder and Gudiwada Talooks and Nuzied District.	40 90	...	Acquired by his forefathers prior to his employment.	Given by Zemindar.	....	Do. do.
			Nellore. Alterations, none.					
			Cuddapah.					
No. 4 Range, Madanapully. R. Coomarathavoo Moodelliar.	Talook Overseer.	North Arcot District, Wallajabad Talook.	15 $\frac{10}{64}$	135 3 0 For two crops.	Acquired prior to employment in public service.	Paternal estate, being a member of undivided family; has got right to the property in common with other two brothers.	....	Do. do.

			Bellary.					
No. 2 Range, Hospett. Pellamundalum Vencatarayloo.	Head Accountant, Hospett Range.	Madras District, Conjeveram Talook, Dornal.	2 Cawnies.	10 0 0	Acquired prior to employment in public service.	Inherited ...	His uncle undertakes to cultivate the land.	Not in his Range.
No. 6 Range, Pennacondah. Collapampaukum Valayuda Moodelliar.	Talook Overseer.	Bellary District, Hospett Talook, Booksauger.	11 0	70 0 0	Acquired subsequent to employment in public service.	Purchased ...	Rented in consideration of receiving 5 candies of paddy.	Beyond limits of the Range and Talook in which he is employed.
			Kurnool.					
			Alterations, none.					
			Presidency.					
			Alterations, none.					
			Madras.					
			Alterations, none.					
			North Arcot.					
			Alterations, none.					
			South Arcot.					
M. Manikum Moodelliar.	Talook Overseer of Villapuram.	Virdachellum Talook.	73 0 2	449 1 4	Acquired by the Overseer's father subsequent to his employment in public service.	By purchase and durkhast.	The cultivation of the lands is being carried on by an Agent. The Overseer is now the owner of the property, his father having died.	The extent of the land and assessment shown in the return for 1866-67 have been since reduced to those now entered. Not within the Range.
D. Coopoosawmy Moodelliar.	Do. of Virdachellum Talook.	Tricalore Talook.	2 1 3	Not known.	Acquired subsequent to employment in public service.	Presented to his wife by her father.	Property of his wife.	Assessment not known, puttah not having yet been granted by the Collectors. Not within the Range.

Register of lands held by public servants for the year 1869-70 *prepared agreeably to paragraph* 2 *of G. O., No.* 2,957, *etc.*—(Continued.)

Name of Officer or Subordinate.	Office and Department.	District and Talook in which land is situated.	Land acquired. Extent.	Land acquired. Assessment.	When acquired and whether prior or subsequent to employment in the public service.	By what means acquired.	Nature of interest possessed by such servant in such landed property.	Remarks.
			South Arcot.—(Concld.)					
				RS. A. P.				
C. Sashachella Naidoo.	Talook writer of Villapuram.	Bahoor Talook in the French Territory.	3 0 0	17 0 11	Acquired by the writer prior to his employment in the public service.	By purchase ...	The lands are being cultivated by the writer's relations.	Not within the Range.
A. Rajagopaul Moodelliar.	Local Fund Overseer of No. 1 Range.	Tricalore Talook of No. 3 Range.	9 0 0	50 12 0	Acquired by the ancestors of the Overseer prior to his employment in public service.	Not known ...	Being cultivated by the Overseer's relatives.	Do. do.
			Salem.					
			Alterations, none.					
			Bangalore.					
			Alterations, none.					
			Tanjore.					
			V. M. G.	RS. A. P.				
Revise. Tiruvengada Iyengar.	Talook Overseer, Lower Anicut, in the Combaconum Range.	Tanjore District, Combaconum Talook.	2 5 83 13 3 25	554 10 11	Prior. Subsequent from 1843 to 1868.	Ancestral, purchased.	In joint possession with his brother and son Overseer's share Rupees 112-8-0 annually.	In his Range but not within the limits of his charge.
		Do. Mayaveram Talook.	27 6 71	578 1 5	Subsequent. From 1860 to 1870.	Purchased ...	In sole possession of his son, no income to Overseer.	Not in his Range.
			0 10 0	12 0 0	Do. in March 1860 to 1870.	Durkhast ...		
			3 14 0	89 5 0	Do. do. ...	By Court Decree.		

		Trichinopoly District, Woodiarpolliem Talook.	A. G. A. 84 40 0	190 0 0	Subsequent. From 1852 to 1855.	70 Acres by durkhast, the remainder purchased.	Do. do. ...	Do. do.
Revise. Moonesawmy Moodelly.	Talook Overseer, Nannilam.	Madras District, Madarantacum Talook.	Cawnies. 26 Nunjah 41 Punjah.	234 0 0	Prior. Date not known.	Ancestral ...	Divided among relatives, Overseer's share is ⅗ths of the income, or 200 colums of grain yearly.	Do. do.
Revise. Vencatarama Iyengar.	Writer and Accountant, Munnargoody Range Office.	Tanjore District, Munnargoody Talook.	A. D. 11 72 Nunjah. 10 37½ Punjah. 0 77¾ Garden.	9 10 8	* Prior. Date not known.	Partly ancestral, partly as gift and partly purchased.	* Divided among relatives. The writer's share is 60 colums of paddy yearly.	In his Range.
			13 0 Nunjah.	30 2 10	† Do. do. ...		† Do. 210 colums of paddy yearly.	
			1 Pongoo Nunjah and Punjah.	4 0 0	‡ Do. do. ...		‡ Do. Rupees 30 yearly.	
Revise. Viruthachella Moodelly.	Moneagar, Upper Anicut, in the Tanjore Range.	Tanjore District, Tanjore Talook.	V. M. G. 10 13 79$\frac{6}{16}$	216 5 10	Do. do. ...	Ancestral ...	Divided between brothers, Monigar's share Rupees 12-5-9 yearly,	In his Range, but not within the limits of his charge.
Revise. Chellumbrum Iyen ...	Moneagar, Vennaur Head, in the Tanjore Range.	Tanjore District, Nannilam Talook.	4 14 88	140 14 9	Do. do. ...	Do.	In sole possession. Income Rs. 109-1-3 yearly.	Not in his Range.
Revise. Sawmy Iyen	Moneagar, Lower Anicut, in the Combaconum Range.	Tanjore District, Tanjore Talook.	0 0 53¼ / 0 7 93$\frac{7}{16}$	3 9 1	Prior. Subsequent in 1861.	Ancestral. Purchased.	Divided between two brothers, Moneagar's share Rupees 20-3-5 yearly.	Do. do.

Register of lands held by public servants for the year 1868-69 prepared agreeably to paragraph 2 of G. O., No. 2,957, etc.—(Continued).

Name of Officer or Subordinate.	Office and Department.	District and Talook in which land is situated.	Land acquired. Extent.	Land acquired. Assessment.	When acquired and whether prior or subsequent to employment in the public service.	By what means acquired.	Nature of interest possessed by such servant in such landed property.	Remarks.
			Tanjore.—(Contd.)					
		Tanjore District, Combaconum Talook Woomayapoorum village.	V. M. G. 1 2 50	......	Prior. Subsequent in 1861.	By mortgage...	Divided between two brothers, Moneagar's share Rupees 20 yearly.	In his Range, but not within the limits of his charge.
Enter. Baboo Row	Writer under Supervisor Coopoosawmy Rajoo.	Tanjore District, Combaconum Talook.	0 10 8	30 15 9	Prior. Date not known.	Ancestral ...	In sole possession. Income 100 colums of paddy and Rupees 25 yearly.	Not in his Range.
Enter. Saminatha Iyen	Writer under the Lower Anicut Overseer.	Tanjore District, Mayaveram Talook.	0 1 50	2 8 0	Subsequent ...	Purchased ...	Income Rupees 1-8-0 per annum enjoyed by his uncle.	Do. do.
Enter. Aroonachellam Pillay.	Moneagar Munnyaur Locks in the Combaconum Range.	Madras District, Madrantacum Talook.	1½ Valies salt pans, 75 Cawnies Nunjah.	390 0 0	Prior	Ancestral ...	Divided among relatives. Moneagar's share is Rupees 70 yearly and this is enjoyed by his elder brother.	Do. do.
Enter. Moothoo Iyengar ...	Moneagar Meerattoor Anicut in the Combaconum Range.	Tanjore District, Combaconum Talook, Virupatchipuram village.	0 7 27	14 15 8	Do.	Given as dowry to his wife by her mother.	In sole possession. Income 25 colums of paddy yearly.	In his Range, but not within the limits of his charge,

Enter. Visvanatha Iyer ...	Local Fund Maistry, Combaconum Talook.	Tanjore District, Tanjore Talook.	* 0 0 53¼ † 0 7 93 7/16	3 9 1	Do. ...	* Ancestral † Purchased	Divided between two brothers. Maistry's share Rupees 20-3-5 yearly.	Not in his Range.
		Do., Combaconum Talook.	1 2 50	...	Do. ...	By mortgage...	Do. Rupees 20 yearly.	In his Range.
Enter. Ganapathy Pillay ...	Local Fund Maistry, Munnargoody Talook.	Do., Munnargudy Talook.	0 17 50	10 0 0	Do. Date not known.	Purchased ...	In joint possession with his nephew, Maistry's share Rs. 30 yearly.	Do.
			Trichinopoly.					
Revise. C. Balasoondra Moodelliar.	Sub-Engineer, Woodiarpolliem Range.	Salem District, Namacul Talook.	A. G. A. 33 33 7	250 9 0	Subsequent. From 1854 to 1862.	Do. ...	In sole possession Rupees 77-9-3.	Not in his Range.
		Do. Darampoory Talook.	1 13 13	1 12 1	Do. do. ...	Durkhast ...	Half share the other half is in possession of one Hamarajah.	
		Trichinopoly District, Woodiarpolliem Talook.	0 37 8	......	Do. do. ...	Purchased ...	For a chuttrum and dwelling house. Rs. 258-4-0	In his Range.
			100 67 0 Nunjah. 168 6 0 Punjah.	469 2 0 270 10 0	Do. in 1869 ...	Purchased under G. O., No. 1,110, dated 6th April 1869.	Rs. 75-0-0	
Omit. Parthasarady Iyengar.	Supervisor ...	....	......	......	......	......	......	Transferred to the 4th Division.
Enter. Saminatha Pillay ...	Writer under the Musery Talook Overseer.	Tanjore District, Tanjore Talook.	V. M. G. 0 10 31¼ 0 2 13¾	21 11 7 5 4 0	Prior ... Subsequent ...	By purchase ... By hypothecation.	In sole possession.	Not in his Range.

NOTE,—By "Revise" is meant that all previous entries against the subordinate's name should be cancelled and the particulars now given substituted.

Register of lands held by public servants for the year 1869-70 *prepared agreeably to paragraph* 2 *of G. O., No.* 2,957, *etc.*—(Continued)

Name of Officer or Subordinate.	Office and Department.	District and Talook in which land is situated.	Land acquired. Extent.	Land acquired. Assessment.	When acquired and whether prior or subsequent to employment in the public service.	By what means acquired.	Nature of interest possessed by such servant in such landed property.	Remarks.
			Coimbatore.					
The following additions to be made. Lieutenant-Colonel W. Farewell.	Acting Superintending Engineer, 7th Division.	Ootacamund, Neilgherry Talook.	A. R. P. 20 0 0	......	July 1869	Purchased at public auction.	To secure the privacy of the ground surrounding the present dwelling house at Ooty.	Situated within the division in which employed.
K. D. Roberts, Esq....	Assistant Engineer, D.P.W.	Neilgherry Talook.	Half share of building site, 4 Acres.	Not known.	1865. Prior to employment.	Purchased ...	Waste land half share.	This land is not situated within the Range or Talook in which he is employed.
		......	1/6th share of coffee estate, about 80 Acres.	Do. ...	1866. Do. ...	Gift from a relative.	1/6th share of coffee estates which has never given any returns.	Do. do.
		Coimbatore Talook, Coimbatore District.	Dwelling house and land attached A. R. P. 4 3 15 5 3 5	R. A. P 47 2 10 including Municipal Tax.	February 1869, after employment in Public Works Department.	Purchased ...	Dwelling house occupied by self.	Within the Range in which he is employed.
G. Kistna Row ...	Collegal Talook Overseer's writer.	Collegal Talook, Coimbatore District.	Bullas of dry land and 7 cawnies of wet land not cotton soil.	......	Before entertainment.	Some of the dry lands obtained by application to Circar and the	Puttah or his father named Goodaloor Nursiah.	He is one of four brothers. The property is not divided, but in

Register of lands held by public servants for the year 1869-70 *prepared agreeably to paragraph* 2 *of G. O., No.* 2,957, *etc.*—(Concluded.)

Name of Officer or Subordinate.	Office and Department.	District and Talook in which land is situated.	Land acquired. Extent.	Land acquired. Assessment.	When acquired and whether prior or subsequent to employment in the public service.	By what means acquired.	Nature of interest possessed by such servant in such landed property.	Remarks.
			Petty Establishment, Local.					
Appavoo Pillay ...	Range Maistry employed in Cochin Talook.	Palghaut ...	Edapetta alias Poolikulpetta 5, No. of lands, 15-7-14 Acres.	36 13 4	Previous to the employment.	Purchased ...	Uncertain ...	Within the Range in which the individual is employed, but not in the same Talook.
		Do. ...	Kootampallum Eastern Division, 8-3-12 acres.	27 13 4				
Cadermoideen ...	Palghaut Talook Maistry.	Calicut Talook ...	Unknown ...	......	....	By his father...	....	No lands acquired by him either at Palghaut or Calicut, but the ancient property acquired by his father is at Calicut.

The Collector of Malabar states that he is not of opinion that the holding of lands by the above subordinates is likely to be detrimental to the public service.

Madura.

None.

Tinnevelly.

None.

(Signed) S. BROCK,
Controller of Public Works Accounts.

Madras,
22nd *August* 1870.

To the Secretary to Government, Public Works Department.

						wet lands purchased for about 250 Rs. ; by his father.		event of his withdrawal from the other brothers, he is to have or hold ¼th. The lands are situated within the Talook in which he is employed.
			South Canara.					
				R. A. P.				
No. 3 Poothoor Range. Mr. D. Castelino ...	Accountant ...	South Canara, Mangalore Talook.	Not known.	3 10 5	August 1869. Subsequent.	By purchase ...	In sole possession. Garden with dwelling houses, purchased solely for dwelling purposes.	Not situated within the Range or Talook in which he is employed.
			Malabar. PERMANENT ESTABLISHMENT.					
The following alteration and addition to be made in the last return.								
A. Vedamoothoo ...	Ponany Talook Overseer.	Malabar District, Ponany Talook.	Poonakolagum Paramboo.	10 8 5	Subsequent to the employment.	Purchased from Government.	About 4,000 cocoanuts are the annual produce.	Handed over to his daughter previous to his being transferred to Ponany Talook.
		Calicut Talook.	Manaket Paramboo.	2 1 4	Do. do. ...	Private individuals.	About 500 cocoanuts are the annual produce.	A house of his stands in the ground. Not situated within the Range or Talook in which he is employed.

No. 268. ORDER THEREON, 16th September 1870, No. 2,226.

ESTABLISHMENT, No. 24.

Godavery District.
C. Basca Row.
Tanjore District.
Vencatarama Iyengar.
Ganapathy Pillay.
Coimbatore District.
G. Kistna Row.

As it appears from the foregoing list that the subordinates named in the margin hold lands within the limits of the Ranges in which they are employed, the Superintending Engineers of the 1st and 6th Divisions will report why the Orders of Government, dated 17th March 1865, No. 741, have not been enforced in the case of those subordinates.

2. As regards G. Kistna Row the Superintending Engineer of the 7th Division will state, after communication with the Collector, whether under the circumstances explained there is any objection to his continued employment in the Collegal Talook.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 285. Read the following letter from the Acting Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Camp at Sooramungalum, 23rd August 1870, No. 99 :—

In forwarding the accompanying letter, No. 474, dated 8th instant, and its enclosure, from the Executive Engineer, Oossoor Range, I have the honour to suggest, in order to prevent the bickering that must otherwise inevitably occur, as also to save unnecessary manual labour in writing, that Government will be pleased to modify their Order, No. 1,708, of 16th July 1870, in so far as to permit ordinary routine matters to be conducted as heretofore by docket, while correspondence shall be by letter.

No. 286. ORDER THEREON, 16th September 1870, No. 2,233.

ESTABLISHMENT, No. 25.

His Excellency the Governor in Council is of opinion that the use of dockets, in lieu of letters, leads to a curtness of style, which sometimes has the appearance of discourtesy, and is calculated therefore to hinder the public service far more than this is advanced by reduction in the quantity of writing. The instructions contained in paragraph 6 of the Order in the Judicial Department of the 29th June last, No. 903, (G. O., Public Works Department, 16th July 1870, No. 1,708,) directing correspondence between officers of the Public Works Department and officers of the Revenue and Judicial Departments to be conducted by letter, should therefore be carefully conformed to by the officers of all these departments.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 287. Read the following letter from the Acting Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Camp at Kistnagherry, 10th September 1870, No. 118 :—

In reference to G. O., No. 2,134, dated 5th September 1870, communicating the appointment of Mr. J. Smith to the charge of the Bangalore Water Works, I have the honour to request that I may be informed of the amount of pay to be passed to the Mechanical Engineer while so employed.

No. 288. ORDER THEREON, 16th September 1870, No. 2,234.

ESTABLISHMENT, No. 26.

MECHANICAL Engineer Mr. J. Smith should draw the salary attached to the post to which he stands appointed, namely, Rupees 300 per mensem.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 294. Read the following Proceedings of the Board of Revenue, dated 20th August 1870, No. 5,387 :—

Read the following letter from the Collector of Tanjore, to the Acting Secretary to the Board of Revenue, dated Tritrapundy, 16th June 1870, No. 195.

I HAVE the honour to report on the operations of the Department of Public Works during the official year 1869-70.

2. The usual statement of expenditure under the main heads, as compared with 1868-69, is annexed :—

Works.	Expenditure of 1868-69.	Expenditure of 1869-70.	DIFFERENCE. Increase.	Decrease.
	RS.	RS.	RS.	RS.
New Works.				
Civil Buildings	40,193	73,139	32,946	...
Agricultural	92,986	14,537	...	78,449
Communications	27,810	30,251	2,441	...
Miscellaneous Public Improvements	...	...	...	...
Total...	1,60,989	1,17,927	35,387	78,449
Net...	...	...	...	43,062
Repairs.				
Civil Buildings	1,323	4,514	3,191	...
Agricultural	1,10,187	1,15,860	5,673	...
Communications	36,076	29,282	...	6,794
Miscellaneous Public Improvements	469	1,908	1,439	...
Total...	1,48,055	1,51,564	10,303	6,794
Net...	...	...	3,509	...
Grand Total...	3,09,044	2,69,491	...	39,553
Allotments.				
New Works 1,58,458				
Repairs 1,56,056	...	3,14,514	...	...
Difference...	...	45,023	...	...

3. It will be seen from the foregoing table that the expenditure during the past year was less than the allotment by Rupees 45,023. It was also less than the expenditure of 1868-69 by Rupees 39,553. This is the result of a gross decrease of Rupees 85,243, counterbalanced by an increase of Rupees 45,690. The largest increase, namely, Rupees 32,946, occurs in Civil Buildings under New Works,

which is owing to the sums laid out in the construction of new Talook Cutcherries and Sub-Jails in the earlier part of the year, and which were subsequently stopped. The decrease occurs chiefly in Agricultural under New Works, and partly under Repairs of Communication. As to Agricultural the bulk of the expenditure on regulating works at the heads of the principal branches of the Cauvery was incurred in 1868-69, and with regard to Repairs of Communication it is the effect of two successive reductions at ten and twelve per cent. on the original allotment ordered in the Government Orders, dated 8th October and 30th November 1869, Nos. 3,247 and 3,783, respectively, (Public Works Department).

4. Of the New Works executed in 1869-70 the three following call for notice:—

Names of Works.	Amount of Estimate.			Expenditure up to the end of the preceding year.			Expenditure during the year.			Total.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
1. Constructing Court-house at Tanjore	56,440	0	0	25,365	15	5	20,153	8	5	45,519	7	10
2. Regulating works for the improvement of the River Cauvery ...	1,37,790	0	0	88,179	12	2	32,506	10	9	1,20,686	6	11
3. Opening the Canal between Negapatam and Vedarniem	1,08,192	0	0	89,262	15	8	30,251	5	5	1,19,514	5	1

5. The Superintending Engineer says that the Court-house at Tanjore might have been completed in 1869-70, but for the stoppage of the work. A sum of Rupees 45,519 was spent up to 31st March last.

6. Of the regulating works in the Cauvery the dams at the heads of Arasalar and Veerasholen have been completed, with the exception of plastering in the former. The works at the head of Codamurty are in a fair state of progress.

7. The deepening and widening of the canal throughout was carried out last year, and the agency of the Revenue Department was largely availed of. In the heavy rains that fell during the last monsoon the west bank of the canal breached in four places, and this the Superintending Engineer attributes to the subsidiary channels to the syphon sluices to convey the drainage across the canal not having been completed owing to the stoppage of the work. Captain Oakes states that it is difficult to remove accumulations from the canal, and that it is very desirable that a small dredge should be provided for its maintenance.

8. I cannot omit remarking that the Talook Cutcherries and Sub-Jails, which were commenced in 1868-69, have all been left incomplete for want of funds, and that both the works and the materials already collected are deteriorating, and the amount spent on them must eventually end in loss, if they are left in the same state for any length of time.

9. The number of irrigation and other works repaired during the past year is shown below:—

Irrigation Canals ...	128	Drainages	2
Tanks	8	Navigable Channels... ...	6
Dykes	415	Civil Buildings	11

10. Annexed is a statement of roads maintained from Imperial Funds under the Government Order, dated 18th November 1868, No. 2,831.

Names of Imperial Roads.	Number of miles.	Number of miles of new road.	Number of miles still under construction.	Number of miles not yet commenced upon.	Remarks.
Main lines of communication.					
II. (1). Branch of the great southern road from Madras to Travancore frontier near Cape Comorin from Tindevanam to Negapatam, *via* Pondicherry, Cuddalore, Sheally, and Tranquebar, (a portion lying in this district between Anikaren Choultry and Negapatam)	32 2	...	...	...	The length of that portion of the road which lies in the French Territory of Karikal is not included in this mileage.
(2.) Another do. of do. from Vikravandy to Combaconum, *via* the Vettar Anicut, (portion lying in this district between the Lower Coleroon Anicut and Combaconum) ...	13 4	...	...	...	
XI. Sheally in the Tanjore District to Salem, *via* the Grand Anicut, Trichinopoly, Musery, and Namcul, (a portion lying in this district between Sheally and Grand Anicut)	82 4	...	...	...	
Salt Roads.					
17. Vadarniem to Manargudy	34 0	...	...	...	
18. Adrampatam to Kandracotta	32 0	...	...	...	
19. Pattucottai to Tanjore	40 0	...	...	...	
20. Kuttumavady to Arandanghy...	20 0	...	...	...	Of this mileage only ten have been reformed.

11. Of the 253 miles of road 243 were kept in pretty good order. The Salt Deputy Collector complains of the road from Kuttumavady to Arandanghy being in an indifferent state; but the Superintending Engineer writes that there is no probability of obtaining funds for it, and therefore recommends its transfer to the head "Local." I do not consider that the final classification of roads so recently made should be disturbed, and would, therefore, suggest that an adequate sum be allotted for it from the Imperial Budget.

12. I enclose a report (to be returned) from the Head Assistant Collector on the Public Works in his division. The channel called Vikramanaur, the inefficiency of which Mr. Burrows brought to notice last year, as also another, Palan-

cavery, were cleared by the villagers at their own cost in May last, and the value of the work done is estimated at Rupees 9,200. The deepening of these channels has resulted in an increase of cultivation, and in no remissions being necessary for waste or withered crops.

13. In paragraph 3 of his report Mr. Burrows writes that the clearing of channels executed by Government is so insignificant, compared with that done by the villagers, that it would be advisable for Government altogether to decline to do any. I concur with Mr. Burrows in this view, and think it would be better for Government to clear no channels at all than to go on clearing the very small number they do now, for then the Mirassidars would know exactly what to expect.

14. The other points referred to in paragraphs 4, 5, 6, 7, and 8 of the Head Assistant Collector's report have been brought to the notice of the Superintending Engineer.

15. With reference to paragraph 9 of his report, I beg to state that steps are being taken for planting avenue trees during the current year in his as also in the other divisions of the district.

From the Acting Head Assistant Collector, to the Collector of Tanjore, dated Tranquebar, 21st May 1870, No. 106.

I HAVE the honour to submit the usual Annual Report on the state of Public Works in my division.

1. CIVIL BUILDINGS.—The Subsidiary Jail at Mayaveram, consisting of six wards with a Police guard-room, has been very nearly completed ; so nearly in fact that arrangements have lately been made for keeping the prisoners there. As it only requires an expenditure of some Rupees 200, or Rupees 300 to complete it, it is greatly to be hoped that the funds will be forthcoming this year. At Sheally a site was bought for, and the foundations laid of, a new Talook Cutcherry and Subsidiary Jail. A large quantity of materials have also been collected. The old Cutcherry has been so frequently described that it seems almost unnecessary to say anything about it. It is very inadequate to the purpose for which it is required. The prisoners are still confined in a rented bazaar for want of better accommodation. The state of the work, when orders were received for stopping it, was fortunately such that there has been no positive loss from damage owing to stoppage. At Porayaur part of the site for a new Police Lock-up and Sub-Magistrate's Cutcherry had been purchased, and arrangements were being made for taking up the adjoining piece under the Act when the work was stopped. I observe from the Range Officer's last Progress Report that Rupees 5,682-7-9 has been expended in materials, etc., up to the end of the year out of Rupees 8,350, the estimated amount sanctioned. The state of the public bungalows forms the subject of a separate report.

2. IRRIGATION WORKS.—The amount expended under this head, as shown in the Range Officer's Progress Report, is as follows :—

	RS.	A.	P.
Original Works	262	10	9
Repairs	10,277	11	6
Total...	10,540	6	3

3. Almost all the repairs appear to be strengthening banks, planting nanul, etc. The items for repairing masonry works amount to a very small sum in proportion. Notwithstanding all the expense in preserving the banks several breaches occurred during the month of November when the heaviest freshes came down the rivers. In Mayaveram Talook the Cauvery, Veerasholen, and Manja Voikal, and in Sheally the Poothoomannyaur and Mannykarnigayaur broke their banks. By the Poothoomannyaur breach serious damage was caused. Five mahs and six goolies of land (nearly 2 acres) were destroyed by a sand-bank being thrown over it, and about 250 acres of crop were submerged and about half of it destroyed, and the rest considerably damaged. The other breaches were less serious. On the whole the banks are in good repair, and considering the quantity of water received down the rivers last year it is satisfactory that there was not more loss by inundation. In my report last year I had to speak of the unsatisfactory state of the Vikramanar and Palancavery Channels. I am happy to be able to communicate a much better state of things this year. Only one or two villages, namely, Ponmasanellore and Melamarudandanellore, situated at the extremity of the Vikramanar Channel, have received a short supply of water. In May last the channels were cleared by the Mirassidars under the superintendence of the Mayaveram Tashildar, who estimates the value of the work thus performed at Rupees 9,200. It is very rarely that channels are cleared at the expense of the Government ; a glance at the Range Progress Reports will show that only three small channels were cleared last year at an expense to Government of Rupees 1,048. So small and insignificant is the amount of clearing done by Government compared with that which the Mirassidars do for themselves, that I have no hesitation in saying that it would be advisable for Government altogether to decline to do any. The present mode of clearing a small channel here or there is only productive of discontent to the great majority of Mirassidars who have to do their own clearing, and induces a belief that the spending of Government money for this purpose is dependent solely on the caprice of the Range officer. The whole of the Corukkay Mahanam, as well as parts of Teruvilandoor, are watered by the Vikramanar. The monthly account for Corukkay for October will show that great benefit was derived from the deepening of the channel. It must be borne in mind that, up to the middle of October, there was nothing special about the season, and that the bulk of the water came in the latter part of October and November, so that whatever improvement was effected in the cultivation of the Mahanam up to the end of October is due almost entirely to the improved state of the channel.

Corukkay Mahanam.

	Fusly 1278.			Fusly 1279.			Increase.			Teerwa.		
	V.	M.	G.	V.	M.	G.	V.	M.	G.	RS.	A.	P.
Government Nunjah ...	622	4	41	1,083	3	19	460	18	78	11,971	4	1

There have been no remissions under the Palancavery this year ; last year there was a considerable loss of revenue under this channel.

4. The irrigation of the eastern part of the Mayaveram Talook is very precarious. Seventy years ago it was reported to be bad, and perhaps it has not been much improved up to the present time. During my Jummahbundy tour the Mirassidars of some of the eastern villages entreated that the Cauvery bed might be deepened this year in Kudimaramut. I told them that it was a very arduous undertaking, and that the best authorities doubted whether it was any use, but it was no use trying to argue with them about it. They, the interested parties at all events, seem fully convinced of the utility of cutting the Cauvery. Either this must be done periodically, or a larger proportion of water must be sent down the bed of the Cauvery. If it be true (as Major Mullins, in his Minute attached to the report of the Public Works Commission, remarked,) that the quantity of water received every year down the rivers varies from five to eight times as much as is required for the irrigation of the whole district, surely a larger proportion might be allowed to pass down the main channel. A journey from the Coleroon bridge at Anikaren Chuttrum to Negapatam during the season when the rivers are down will not fail to show an observant traveller that the bulk of the drainage finds its way to the sea between Tranquebar and Negapatam. Rarely does the water of the main bed of the Cauvery ever reach the sea ; usually it is all taken up for irrigation and does not suffice for that.

5. I have prepared a statement showing the loss for the last ten years in a few of the worst villages in the Mayaveram Talook. Of these eight are under the Vikramanar, and the remainder are situated in the eastern part of the talook. In these few villages year after year the greatest part of the loss by remissions occurs. I am hopeful that the clearing of the Vikramanar will have the effect of permanently improving the irrigation of those villages which depend on it for water, and I feel sure that the eastern part of the talook, including the Mahanam of Teruvengad in Sheally, might be much benefited were a larger proportion of water allowed to the main channel of the Cauvery, and means provided for distributing that water in just proportions.

6. With the exception of the Teruvengad Mahanam the irrigation of the Sheally Talook is excellent, and the works are all in good repair.

7. I would recommend more attention being paid to the maintenance, in an efficient state, of the numerous small masonry works scattered over both talooks.

8. Roads.—The roads generally are in the same state as they were in last year—neither better nor worse. In Sheally Talook a new road has been taken from Sheally to Panangattancoody on the south of the Coleroon. This will be an immense boon when open for traffic. I went over the greater part of it with the Range officer last month. The line of the road is good, on the whole very straight and nicely curved wherever divergences are necessary. All the embankment had been completed, and the road will be opened as soon as the bridges are ready, which will be within the present working season. The No. 2 road is kept much in the same state as it used to be formerly. I would strongly advocate the improvement of the road to Terumulvassel. This road goes from Sheally to Terumulvassel, and is about eight miles in length. The first 6½ miles are very fair, and bandies can easily go along it in all weathers, but the last mile-and-a-half are so bad owing to the loose sand that bandies scarcely ever attempt the journey. Almost all the traffic is carried on by pack bullocks. This piece of the road might be metalled for about Rupees 2,000, and I believe the stimulus that would thus be given to the trade of the port of Terumulvassel would prove the investment sound and economical.

9. In Mayavaram a very important new road has been commenced from near Courtallam to join the No. 13 road at Pooliyoor. The work is being rapidly pushed on. I have to remark in conclusion that the avenues throughout the division are deteriorating, and require a thorough overhaul. I have given the necessary directions to the Tahsildars for this being done, in order that a complete estimate may be submitted next August for inclusion in the Local Fund Budget.

Submitted for the information of Government.

2. It will be seen that there remained at the close of the year Rupees 45,000 of the allotment unexpended.

3. The Collector notices specially three new works of importance. The Tanjore Court-house has already cost Rupees 45,519 and is still incomplete. Rupees 1,20,686 were spent in improving certain regulating works on the Cauvery and Rupees 1,19,514 on the Negapatam and Vedarniem Canal.

4. As this canal is said to be difficult to clear of accumulations of silt the Superintending Engineer recommends that a dredge be provided for its maintenance.

5. Mr. Morris points out the serious loss likely to arise from the deterioration of unfinished buildings all over the district. This remark is equally applicable to every district in the country and calls for early attention.

6. In paragraphs 12 and 13 the Collector notices the state of affairs as regards channel clearances. The Head Assistant Collector points out that the clearances performed by Government are so small in comparison with those effected by the

Mirassidars that it would be better for Government to withdraw entirely from all work of the kind.

7. Mr. Morris fully endorses this view.

8. It appears that two channels were cleared by the people themselves without aid at an estimated cost of Rupees 9,200, and that the result has been increase of cultivation and the absence of all demand for remissions.

9. The Board would, however, recommend that Government should proceed to classify such channels as are to be left in charge of the ryots, and they consider that it would be well if a grant-in-aid of the expense of clearing the channels were made in suitable cases.

10. Of roads the only one, the state of which is complained of, is the salt road from Kuttumavady to Arandanghy.

11. This is not the only district in which the state of the salt roads is complained of. The Board have already had unfavourable reports from Kistna and Ganjam.

12. With the increase in the price of salt it appears to the Board more than ever necessary that salt roads should be kept in good order.

No. 295. ORDER THEREON, 17th September 1870, No. 2,238.

ESTABLISHMENT, No. 27.

COMMUNICATED to the Superintending Engineer of the 6th Division.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 298. Read the following letter from the Acting Superintending Engineer, 8th Division, to the Secretary to Government, Public Works Department, dated Palamcottah, 9th September 1870, No. 1,630 :—

UNDER the authority conveyed in paragraph 3 of G. O., No. 1,971, of 18th ultimo, I have the honour to inform you that I have suspended Mr. Sub-Engineer A. Colquhoun pending the investigation ordered by Government.

2. Sub-Engineer Mr. D. McNair has been placed in charge of the 1st Range, Tinnevelly, and he reports having taken over the accounts, cash balance, and stores from Mr. Colquhoun this day.

3. Overseer Chockalingum Pillay has been placed in temporary charge of the 3rd Range.

No. 299. ORDER THEREON, 17th September 1870 No. 2,240.

ESTABLISHMENT, No. 28.

ORDERED to be recorded.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 300. Read the following letter from the Acting Superintending Engineer, 8th Division, to the Secretary to Government, Public Works Department, dated Palamcottah, 6th September 1870, No. 1,599 :—

I HAVE the honour to inform you that, during the absence on privilege leave of the Overseer of the Ambasamoodrum Talook, I have placed the Head Accountant (Pakiem Pillay) of the 5th Range in charge, and I request that the permission of Government may be granted to double horse allowance being passed to Pakiem Pillay. The charge involves no extra cost to Government.

No. 301. ORDER THEREON, 17th September 1870, No. 2,241.

ESTABLISHMENT, No. 29.

SANCTIONED.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 304. Read the following letter from the Acting Superintending Engineer, 8th Division, to the Secretary to Government, Public Works Department, dated Palamcottah, 10th September 1870, No. 1,643 :—

I HAVE the honour to forward herewith copy of a letter* received from the Head Assistant Magistrate, Tinnevelly, requesting me to allow the Sub-Magistrate of Velathicolam to hold his office in the front rooms of the new Cutcherry at that place, for the completion of which Rupees 743 was applied for in my letter No. 1,092, of 21st July, printed in G. O., No. 1,853, of 4th August 1870. As it appears the building now used as a Cutcherry is unsafe, I request you will be so good as to obtain the orders of Government on the subject.

* No. 134, of 7th September 1870.

No. 305. ORDER THEREON, 17th September 1870, No. 2,243.

ESTABLISHMENT, No. 30.

UNDER the circumstances represented the Government will not object to the proposal submitted in this letter provided care is taken that no injury is done to the building.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 306. Read the following letter from the Acting Superintending Engineer, 8th Division, to the Secretary to Government, Public Works Department, dated Palamcottah, 6th September 1870, No. 1,594 :—

I HAVE the honour to acknowledge the receipt of G. O. of the 27th July 1870, No. 1,795, and I would beg to submit with all deference that Government may be pleased to re-consider the wording of the order.

2. Although Mr. Seton may have satisfied Government that, in leaving the division without the permission of the Superintending Engineer, and without any emergent medical certificate, he was acting in good faith, it is very clear that such conduct was subversive of all rules of discipline.

3. If an officer of the department acts *bona fide* upon the idea that in his belief* an immediate change is absolutely necessary for the restoration of his health, and takes advantage of it, then I submit respectfully that the wording of this G. O. may establish a most dangerous precedent.

* As opposed to that of the Zillah Surgeon.

4. I beg therefore, if Government see the matter in this light, that the G. O. may be so modified that excusing Mr. Seton for this his first offence of the kind, he may still be warned that his conduct in leaving the division without permission being clearly a breach of discipline, it cannot be passed over so leniently again.

No. 307. ORDER THEREON, 17th September 1870, No. 2,244.

ESTABLISHMENT, No. 31.

THE view taken by Government of Mr. Supervisor Seton's conduct in leaving his division without any emergent medical certificate and in anticipation of the sanction of the Superintending Engineer is expressed with sufficient clearness in the Orders of the 22nd June and 27th July 1870, Nos. 1,521 and 1,795, respectively, and His Excellency in Council does not share in the fears of the Acting Superintending Engineer of the 8th Division that the wording of the latter of these orders is likely to "establish a most dangerous precedent."

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 311. Proceedings of the Madras Government, 17th September 1870, No. 2,247.

ESTABLISHMENT, No. 32.

THE Government regret to observe that in the remarks which the Superintending Engineer of the 3rd Division has entered in his diary for the month of August last, he has found it necessary to animadvert on the gross neglect of duty for a considerable time back, of Mr. Supervisor Watkins, who appears to have paid no attention to the proper maintenance of the roads entrusted to his care and in other respects to have given way to habits of indolence. His Excellency the Governor in Council desires that Mr. Watkins be informed that, if he do not exert himself more carefully to carry out his duties with becoming zeal and attention, it will be necessary to consider how far it is for the advantage of the public service to retain him in the department.

2. The Superintending Engineer will specially report, after the lapse of six months, on Mr. Watkins' conduct and fitness for the charge of a Range.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 353. Read the following letter from the Superintending Engineer, 2nd Division, to the Secretary to Government, Public Works Department, dated Bezwarah, 5th September 1870, No. 68 :—

C. NARRAINSAMY, an Accountant in the 5th Range Office, Kistna, was granted by the Range Officer twelve days' casual leave, from 21st July 1870 to 1st August 1870 ; this was disallowed by this office on the ground that such leave should only be restricted to a *few* days at a time, not exceeding fifteen days in the aggregate in a calender year, and his pay was stopped for the days he was absent. He is entitled to privilege leave and solicits that the leave in question may be commuted into such, so that he may not lose his pay and forfeit his claim for the remaining instalment of the privilege leave, (Uncovenanted Service *Vade-mecum*, paragraph 493). As this indulgence cannot be claimed with retrospective effect except under the express sanction of Government, (paragraphs 504 and 506, Uncovenanted Service *Vade-mecum*,) I submit his application for its favourable consideration, and shall be glad to know whether I may grant casual leave to the maximum period at one time.

No. 354. ORDER THEREON, 20th September 1870, No. 2,269.

ESTABLISHMENT, No. 33.

THE Governor in Council sanctions the proposal contained in this letter, and resolves to call the Superintending Engineer's attention to the Notification at page 1,071 of the *Fort St. George Gazette* under which the commutation of leave such as that now authorized by Government may be sanctioned by himself.

2. Casual leave is intended to be granted to members of Office Establishments in small instalments in cases of sickness, death of near relatives, etc.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 355. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 7th September 1870, No. 1,963 :—

ADVERTING to G. O., No. 2,084, dated 30th ultimo, I have the honour to inform you that this office, as already reported, has been overburdened with other than its legitimate duties, and that the additional statements connected with accounts, etc , etc., which it has had to prepare and submit to different officers, are becoming very numerous ; consequently I am again necessitated to request you will be pleased to obtain the sanction of Government for the entertainment of the additional establishment noted in the margin, the cost of which being debited to "Loan" and "Local" Funds, as I find it difficult to attend punctually to the constant

	RS.
1 Accountant	70
1 Deputy do.	40
1 Irrigation Writer	50
Total.	160

requisitions of the officers in and out of the department in respect to Budget Lists, Salt Bills, Irrigation Registers, and the numerous statements called for by the Chief Engineer for irrigation, the requisitions of which officer were not, I am of opinion, contemplated at the formation of this office.

2. It may be well here to observe that the single Accountant allowed a Superintending Engineer is barely equal to the duties he is required to perform. In fact he has sufficient to do as a Storekeeper, and the appropriations and other additional returns under reference have to be prepared by others in the office, which is extremely hard upon them.

No. 356. ORDER THEREON, 20th September 1870, No. 2,270.

ESTABLISHMENT, No. 34.

THE whole subject of the re-organization of the department being under the consideration of Government, His Excellency in Council regrets his inability to support the application made in this letter for an immediate increase to the strength of the office establishment of the Superintending Engineer of the 1st Division.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 363. Read the following letter from the Acting Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Coimbatore, 12th September 1870, No. 127 :—

I HAVE the honour to report that I have confirmed the suspension of Mr. Overseer Brewer on the 6th September by Captain Bailey, Assistant Engineer, Cannanore Range.

2. The charge against the Overseer is "breach of trust" and embezzlement of cash, the property of Government, to the extent of Rupees 354-6-4. His cash accounts were examined on the 5th of September, and it was found that on the last of the month his balance, though amounting to Rupees 330-12-3, was reported in his cash balance statement as only Rupees 3-5-1. He further received a cheque for Rupees 500 on the 3rd instant, which he had not entered in his cash book, and could only produce vouchers for Rupees 81-3-0, with cash amounting to Rupees 395-2-11. He was called upon to account for the discrepancy in writing, and simply reported he "could not explain the cause of the discrepancy, vouchers "for the same not being forthcoming, at least within a few days." Captain Bailey since writes in a demi-official letter that the Overseer "acknowledges having "taken the money, expecting to be able to replace it in a day or two as he had "been promised a loan."

3. In accordance with paragraph 11, Chapter III. of the Public Works Code, I have directed Captain Bailey forthwith to institute proceedings against the Overseer before the Cantonment Magistrate of Cannanore; the result of which will, on receipt, be communicated to Government.

4. Mr. Brewer's conduct of late has been most unsatisfactory. During the last month his Range Officer charged him with deficiency of materials in his charge to the value of Rupees 351-15-0, neglect of duty, and inattention to orders, all of which charges were being investigated, when it was, as reported above, found that in addition to his other misconduct, he had misappropriated Government funds in his keeping.

No. 364. ORDER THEREON, 21st September 1870, No. 2,274.

ESTABLISHMENT, No. 35.

THE Government will await the result of Overseer Brewer's trial by the Cantonment Magistrate of Cannanore.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 368. Read the following Endorsement of the Superintending Engineer, 2nd Division, dated Bezwarah, 10th September 1870, No. 71 :—

Read the following letter from the Acting Head Assistant Magistrate, Kistna District, to the Superintending Engineer, 2nd Division, dated Bezwarah, 5th September 1870, No. 70.

WITH reference to your endorsement on Government Proceedings, No. 1,997, dated 19th ultimo, I have the honour to inform you that on 16th July 1869 I sent a telegram and warrant to the Commissioner of Police at Calcutta to arrest Mr. Kelly. I have up to this date received no reply from him, and I have written to the Commissioner again to inform me what steps were taken in the matter.

2. I have been informed, though not officially, that Kelly is dead.

SUBMITTED to the Secretary to Government, Public Works Department, with reference to G. O., No. 1,997, of 19th ultimo.

(Signed) F. J. MOBERLY, Colonel, R.E.,
Superintending Engineer, 2nd Division.

No. 369. ORDER THEREON, 21st September 1870, No. 2,277.

ESTABLISHMENT, No. 36.

ORDERED to be recorded.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 393. Read the following letter from the Under Secretary to the Government of India, Public Works Department, (Establishment—Buildings and Roads,) to the Secretary to the Government of Madras, Public Works Department, dated Simla, 2nd September 1870, No. 448 E.B. :—

WITH reference to Public Works Department No. 837 B.M., dated 11th August 1870, I am directed to state that it has since been ascertained that the services of the Mechanical Engineer and the three Overseers engaged in England for employment in the Snider Ammunition factory at Saint Thomas' Mount are not required for the factories under construction at Dum Dum and Kirkee, and to enquire whether it is not possible to find employment for them in the Madras Presidency. If this cannot be done, I am to request that a report may be submitted showing the training and capabilities of these men, their pay, and the terms of their service, also as to the advisability and cost of cancelling the engagement of each man, and whether the terms of their service provide for their being employed solely on the Snider Factories or on general works for the department for which by their qualifications they might be suited, and in the latter case, on what description of departmental works their services could be best turned to account.

No. 394. ORDER THEREON, 22nd September 1870, No. 2,290.

ESTABLISHMENT, No. 37.

COMMUNICATED to the Military Department, with reference to G. O., No. 2,107, dated 2nd September 1870, and with a view to the information required by the Government of India being obtained and furnished to this department for transmission to that Government.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

No. 420. Read the following letter from the Superintending Engineer, 6th Division, to the Secretary to Government, Public Works Department, dated Negapatam, 16th September 1870, No. 517 :—

With reference to G. O., No. 1,971, dated 18th August 1870, I have the honour to report that I this day leave the division for Tinnevelly on board the steam-ship *Ethiopia*, and that I have handed over charge of the office to Captain Montgomerie, R.E., Executive Engineer, as directed.

Forwarded through the Controller of Public Works Accounts, Madras.

No. 421. Order thereon, 23rd September 1870, No. 2,304.

ESTABLISHMENT, No. 38.

Ordered to be recorded.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 447. Read the following letter from Lieutenant W. PORTER, late Executive Engineer, to the Secretary to Government, Public Works Department, dated Madras, 26th September 1870 :—

I beg to bring the following subject to your notice, trusting you will give it your favourable consideration.

2. I, having duly completed the period of service required of a Warrant Officer, applied to Government, through the Superintending Engineer, 3rd Division, to be allowed to retire from the service. Permission to retire from 18th August last was granted, (*vide Fort Saint George Gazette*, dated 16th August, page ——). I beg, however, to state that the Superintending Engineer, 3rd Division, only issued instructions (in his docket No. 72 A. B., dated 5th instant, copy attached, marked A.,) for me to deliver over charge of my range (Hospett) on the 5th instant, which order reached my office on the 8th ; but it was not until the 12th the giving over charge was finally completed ; original certificate, marked B., of relieving officer is enclosed, and on that date I reported my departure from the station. From the above statement it will be seen that I served in the department (as Executive Engineer, 4th grade,) for 26 days after the date of my transfer to the Pension Establishment, and the Controller of Public Works Account in his memorandum* No. 273 of 6th instant, declines to pass any salary for those days without the special sanction of Government, which sanction I beg you will have the goodness to obtain.

* Copy accompanies, marked C.

No. 447-A. Order thereon, 26th September 1870, No. 2,318.

ESTABLISHMENT, No. 39.

Under the circumstances brought to notice in this letter the Government authorize the Controller to adjust Lieutenant Porter's salary and allowance up to the date on which he was relieved from the charge of the Hospett Range of the Bellary District.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 452. Read the following letter from the Acting Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Coimbatore, 16th September 1870, No. 138 :—

In continuation of my letter, No. 127, of 12th September, I have the honour to forward the accompanying copy of a letter received this day from the Assistant-Engineer, Cannanore Range, for your information.

From the Assistant Engineer, Cannanore Range, to the Superintending Engineer, 7th Division, dated Cannanore, 14th September 1870, No. 662.

With reference to your telegram of 9th, I have the honour to inform you that having received it on the afternoon of the 10th at Allikuth, I came on to Taliparamba the same evening, where I received your letter No. 247.

2. A complaint was made before the Cantonment Magistrate ; it has been heard to-day, and Mr. Brewer has been committed for trial at the High Court for criminal misappropriation of public funds.

3. The only deficiencies found in the Overseer's materials were those reported in my letters Nos. 501 and 507, of 6th and 8th ultimo, respectively. His tools, etc., have been found correct.

No. 453. Order thereon, 26th September 1870, No. 2,321.

ESTABLISHMENT, No. 40.

Ordered to be recorded with reference to G. O., No. 2,274, dated 21st September 1870.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

No. 465. Read the following Proceedings of the Board of Revenue, dated 26th August 1870, No. 5,461 :—

Read the following letter from the Collector of Salem, to the Acting Secretary to the Board of Revenue, dated 29th July 1870, No. 140.

I have the honour to submit, as usual, my report on the operations of the Department of Public Works for the past Official year 1869-70.

2. The annexed abstract shows the expenditure under all heads compared with the past Official year :—

Description of Works.	Expenditure of 1868-69.	Expenditure of 1869-70.	Comparison. Increase.	Comparison. Decrease.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
New Works.				
Irrigation	19,247 13 4	4,819 11 2	... ...	14,428 2 2
Communications	8,393 14 0	258 12 3	... ...	8,135 1 9
Buildings	64,566 7 1	50,958 3 4	... ...	13,608 3 9
Total...	92,208 2 5	56,036 10 9	... ...	36,171 7 8
Repairs.				
Irrigation	31,727 13 4	25,804 10 3	... ...	5,923 3 1
Communications	45,340 13 4	35,249 1 2	... ...	10,091 12 2
Buildings	4,006 2 0	3,273 8 8	... ...	732 9 4
Total...	81,074 12 8	64,327 4 1	... ...	16,747 8 7
Grand Total...	1,73,282 15 1	1,20,363 14 10	... ...	52,919 0 3

3. IRRIGATION.—The expenditure under the head New Works amounted to Rupees 4,819-11-2. The chief works under this head were the construction of a new tank at Chennakistnapuram in the Ahtoor Talook, and the restoration of the Serukolay tank in the Namcul Talook. Neither of these works have been completed. The Superintending Engineer states that "the progress of new works has been very "unsatisfactory, owing to the newly-appointed Overseers from the Civil Engineer-"ing College not having had time to make themselves acquainted with the talooks; "moreover the works were stopped by Government, and the funds transferred to "other divisions."

4. The Sub-Collector reports that the Alleyalum anicut and channel in the Huzoor Talook have been completed. He, however, brings to notice the want of the proper management of the channel. He states that the channel is by far too long. This matter will be duly considered in communication with the Superintending Engineer, with a view to the adoption of a system by which the irrigation of the channel in question may be rendered more efficient than it is at present.

5. The Valayamaddavy tank in the Ahtoor Talook was at a stand-still, but I understand this work is to be put in hand again at once.

6. Under the head Repairs Rupees 25,804-10-3 were expended, while the expenditure during the past year was Rupees 31,727-13-4. During the year under report ninety tanks, eighteen channels, twenty anicuts, five calingulahs, and three sluices were repaired. The work under this head was, as usual, chiefly closing breaches and repairing other damages that occurred. As I have repeatedly mentioned in my former reports bad work and insufficient supervision has been the cause of the misfortunes that have occurred to our irrigational works. Nearly ninety per cent. of the works, for which estimates were sent to me during the year, were those upon which money had been laid out during the preceding one, two, and three years successively. If a work was thoroughly examined, an estimate framed for its repair, and properly supervised, I take it that it ought not to require repairs again for several years to come. All this I attribute to want of adequate supervision on the part of the Department of Public Works.

7. COMMUNICATIONS.—Rupees 258-12-3 appear under the head of New Works and Rupees 35,249-1-2 under the head of Repairs. The small amount under the head New Works was expended on the bridge at Malapady on Trunk Road No. 5, and the Superintending Engineer states that 296 miles of Imperial road have been kept in repair; but owing, he adds, "to the reduction of twenty-two per cent. on the "original grant, as above mentioned, many of the roads are not in such good order "as could be desired." During the year under report I have been on every Imperial road in the district, and from what I have seen I may say that they cannot be in a worse condition than they are, especially the Salem and Trichinopoly road. Speaking of this road my Assistant, Mr. Kough, states that "from the 4th to 13th "mile the road is in a very bad state. On this road (forty odd miles) the Department "of Public Works expended Rupees 2,256-8-1 during the year under report. If "the road is left as it is now another wet season will probably render it impassable."

8. Two bridges which were in progress during the year are still incomplete. These are at Bagalore on the road between Oossoor and the Maloor Railway Station,

and at Malapady on Trunk Road No. 5. The former I hope will be soon completed, as funds will be provided for the same from the Local Fund Budget; but with regard to the latter I understand that the work has been stopped, owing to the restrictive orders that have been issued by Government. It will be seen from paragraph 4 of the Sub-Collector's letter that the want of the Malapady bridge is very much felt. It is reported that freshes often occur in this river, and for want of a bridge the traffic is stopped entirely, sometimes for days. I would, therefore, recommend that steps be at once taken for providing funds for the completion of this work.

9. Buildings.—Under this head Rupees 40,958-3-4 were expended on New Works, and Rupees 3,273-8-8 on Repairs.

10. Under the head New Works Rupees 11,360-3-10 were expended on Military buildings. These are the stables, etc., at the Remount Depôt. It is reported that the extension of the stabling has been completed and the progress of the block of seventy-two stables was stopped by the orders of Government. Much damage to the work already executed is apprehended if the buildings are allowed to remain in their present condition.

11. Under the head Civil Buildings provision had been made in the Budget for the Talook Cutcherries and Subsidiary Jails at Ahtoor, Trichengode, Namcul Oossoor, Vaniembady, and Tripatore, and the Post Office at Salem. The Superintending Engineer mentions that the work for the first four had been executed up to the allotment before the receipt of the stoppage order, but that only one-half of the work in the next two had been done up to that time. The Subsidiary Jail, etc., at Trichengode have been completed. With regard to Ahtoor and Namcul I found on personal inspection that outer buildings which have been in progress have been left unfinished, and that the foundation and basement for the main building itself have only been finished. If these buildings are left in this state extra expense, doubtless, will have to be incurred hereafter. The walls, etc., of the buildings (Sub-Jail) at Oossoor, which have also been left in an incomplete state, are falling. This is what has also occurred to some extent at Namcul. If Government money is to be saved and economy is to be adopted, I would strongly urge that steps be at once taken for completing these buildings.

12. The new Post Office at Salem is complete, all but the tiling and putting up of the doors, etc., and it is a pity that the work already done should be exposed to the danger of being damaged, while, comparatively speaking, only a trifling sum is required to complete the building.

13. This brings me to the requirements of the district under the different heads above mentioned.

14. Irrigation.—The several projects already brought forward are still under examination by the Department of Public Works. The chief of these are the Badatalah project, the Marandahally anicut and channel, the Baroor project, and the reservoir near Kristnagherry. Estimates for these have yet to be prepared. There is but little or no prospect of any of these works being put in hand this year. I am aware of some new projects which would be remunerative to Government; but till funds are available, and the Department of Public Works is strengthened as

regards hands, it is useless to bring them forward. All the projects that I refer to will, however, be recorded and kept ready to be brought forward when a fitting opportunity offers for the same.

15. Under the head of Repairs there is a great deal yet to be done. This cannot, however, be carried out till funds are available, and till the present rules for the sanction of Repair estimates are modified. It is not in the power of the Collector to sanction any Repair estimate, the amount of which exceeds the average revenue of the last five years. There are numerous works which cannot be repaired under this limit, but which, if put in order, will save a considerable revenue to Government in the shape of annual remissions, which are now compulsory. I have already addressed the Board on this subject, and I trust that in the new organization of the system of the Department of Public Works provision will be made to remedy this evil.

16. COMMUNICATIONS.—With the exception of six lines, which are Imperial, all other roads in the district, which amount to no less than eighty-one, are maintained and repaired by the Revenue Department from Local Funds. The requirements under this head will, therefore, be stated in my Budget on Local Funds.

17. BUILDINGS.—I would strongly advocate, as I have already done, the completion of the Subsidiary Jails, etc., and Post Office at Salem. Any other proposition under the present state of finance is, I consider, useless.

18. A copy of the report submitted by the Sub-Collector is enclosed.

From the Acting Sub-Collector, to the Collector of Salem, dated Oossoor, 9th July 1870, No. 369.

I HAVE the honour to submit my report on the operations of the Department of Public Works during the Official year 1869-70.

2. The annexed abstract statement shows the cost of New Works and Repairs as compared with the preceding year :—

Description of Works.	Expenditure of 1868-69.	Expenditure of 1869-70.	DIFFERENCE.	
			Increase.	Decrease.
New Works.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Irrigation	5,818 8 9	1,398 4 0	... ...	4,420 4 9
Communications	7,184 0 4	6,196 13 2	... ...	987 3 2
Buildings	11,511 3 5	18,989 7 0	7,478 3 7	... ...
Total...	24,513 12 6	26,584 8 2	2,070 11 8	... ...
Repairs.				
Irrigation	8,531 9 9	7,949 9 10	... ...	581 15 11
Communications	18,548 13 0	10,807 5 10	... ...	7,741 7 2
Buildings...	1,518 3 4	1,370 7 4	... ...	147 12 0
Total...	28,598 10 1	20,127 7 0	... ...	8,471 3 1
Grand Total...	53,112 6 7	46,711 15 2	... ...	6,400 7 5

3. Irrigation.—The expenditure under the head of New Works was but Rupees 1,398-4-0 showing a falling off, when compared with the charges on this account in 1868-69, of Rupees 4,420-4-9. This is to be accounted for by the fact that the Alleyalum anicut and channel in the Oossoor Talook were under construction in the preceding year, and that over 4,000 Rupees were spent on this work, which has this year been completed by a supplemental estimate of Rupees 580. I do not think that it will pay so well as was at first anticipated. The channel is a long one and passes through the limits of several villages. It is almost impossible for the Revenue Department to manage the conservancy of this work. Complaints have more than once been made by the Range officer regarding the injury done to it by the ryots, but though every effort to discover the offenders has been made they have never been detected. The ryots, on the other hand, complain that the Department of Public Works has put in the sluices, some at too high, some at too low, a level; that they are too small, and so on. I, of course, can do nothing, as this is a matter regarding which the Range officer is the best judge. I think that it would be very much for the benefit of Government if this work was handed over to the Department of Public Works. I believe that the cost of an establishment would be covered over and over again by the increased cultivation which would result from the regular and due distribution of water, and by the saving effected by the protection of the channel from injury.

Under the head of Repairs the expenditure during the year under report was Rs. 7,949-9-10, giving a decrease on the preceding year of Rupees 581-15-11. This falling off is certainly not owing to want of irrigation works which require repairs; I can only set it down to the causes mentioned in my report of last year, namely, to the want of sufficient funds, and to the unwillingness in both the Revenue and Engineering Departments to sanction any repair which does not promise an actual *increase*. The question of saving revenue in the shape of remissions, and which, in my opinion, is only another name for profit, is, I think, considered much less often than it should be. It seems to me to be hard that a tank, the irrigable area of which produced fifty years ago, and when it was capable of holding a three months' supply of water, an income to Government of 50 Rupees, (or the present equivalent of that amount,) should now, when breached and more or less silted up, be left unrepaired because there is no increase in the revenue obtainable.

1. Closing breaches and remitting that part of the bund which was breached of the Kelamungalum Naicken tank.
2. Repairing Olthicoopam tank.
3. Do. Ashchetty anicut which supplies Ashchetty tank.
4. Do. Kristnapuram tank.
5. Do. Jertalah large tank.
6. Do. Anasagaram tank.
7. Do. Supply channel of Kolattoor large tank.

The repairs marginally noted are those upon which the largest amounts were spent. The remainder were of a petty nature, none of them exceeding Rupees 400.

4. Communications.—The expenditure under this head was in the case of New Works Rupees 6,196-13-2, and of Repairs 10,807-5-10, giving, as compared with 1868-69, a decrease of Rs. 987-3-2 and Rs. 7,741-7-2, respectively.

The charges for New Works were, with the exception of Rupees 1,609-13-6 expended from Local Funds on the formation of the road from Marandapally to Palcode in the Dharampoory Talook, and which was not completed at the end of the year, incurred on account of the bridges referred to in paragraph 4 of my last report, namely, that spanning the Malapady river at Barugoor in the Krisnagherry Talook, and that crossing the Pennair on the road from Oossoor to the Maloor Railway Station. Rupees 258-12-3 were spent upon the former work and then operations were put a stop to. The bridge is one on the great western road (formerly Trunk Road No. I.) from Madras to Bangalore, which is also that by which the post to Kristnagherry is carried. The Malapady river is in the rainy season subject to sudden and heavy floods, and at such times the very considerable traffic from Tripatore and other towns to the eastward to Kristnagherry, Bangalore, and other towns to the westward is entirely stopped. I would strongly recommend that if there is any money to spare steps should be at once taken to complete this bridge. Rupees 4,328-3-5, including a recovery of Rupees 2,070-12-9, were spent by the Department of Public Works from Local Funds upon the Bagalore bridge, which is still incomplete. The

arches have been turned and completed, and the roadway formed sufficiently to allow of light vehicles passing over it. Plastering, parapets, and approaches have yet to be completed, and for all practical purposes the bridge is at present almost useless. The Executive Engineer has estimated that a sum of Rupees 2,350 is still required to finish this work, and I have entered it in the statement of incomplete works transmitted for the current year.

The expenditure under the head of Repairs was incurred on account of the great western road (Rupees 10,673-0-10), and the travellers' bungalow at Oossoor (Rupees-134-5-0.)

5. Buildings.—The charges on account of these during the year under report were as follows :— "Original Works, Military," Rupees 11,251-13-10 ; "Original Works, Civil," Rupees 7,737-9-2 ; "Repairs, Military," Rupees 802-13-5 ; "Repairs, Civil," Rupees 567-9-11. The first of these refers entirely to the new stables which are being built at the Remount Depôt. The walls have been raised, but the deficit has brought the work to a stand-still. The item "Original Works, Civil" represents the expenditure on account of the construction of Subsidiary Jails and a Deputy Tahsildar's Cutcherry at Penagaram. These works have been stopped for want of funds, and are all more or less in an incomplete state. The loss which will result from this will, in my opinion, be very considerable. The Range officer having no funds has no watchers to take are of the material. The Sub-Jail at Kristnagherry when I last saw it was very nearly completed, and I think that the most economical course would be, if there are any funds available, to finish it. The Sub-Jail at Denkencottah being within the Cutcherry, and there being no very pressing necessity for accommodation for prisoners at that station, there is no harm in the work standing over for an indefinite period. At Oossoor the Jail is, as far as I can see, not by any means near completion. The latrine walls have fallen owing to want of protection, the cook-house has not been commenced, and the tiles of the roof of the hospital are slipping. The main building itself consists of the walls into which the windows and door frames have been let. It would be hopeless, I am afraid, to expect any grant for this work for some time to come. At Penagaram there is a large quantity of valuable material in the shape of doors, windows, timber, etc., and this, I believe, is at present unwatched ; the only protection that it has being a common leaf-thatched shed. There is no room at the present Cutcherry in which any of this could be placed for safety.

The "Repairs, Military" represent the house-rent drawn for Warrant and Non-Commissioned officers' quarters at the Remount. No repairs, in the ordinary acceptation of the term, were made.

The amount under "Repairs, Civil" was, with the exception of Rupees 89-10-2 expended in repairing the building used as the Range office at Oossoor, incurred on account of the Talook Cutcherries at Kristnagherry and this station and my office. The roofs of the last two buildings are constantly leaking, and annual repairs are, therefore, necessary.

6. I now turn to the requirements, etc., of the division under the preceding heads.

7. Irrigation.—I regret to say that my anticipations of last year, with regard to the projects then mentioned by me, have been more than fulfilled. No work has been put in hand and none seems likely to be for this year at any rate. The Bare Tolah and Marandahally schemes are still under examination ; the Malapady and Penagoondapuram projects have, I believe, been sent in and that of the Baroor channel is still untouched. The examination of the plan for a reservoir near Kristnagherry, brought forward so long ago by Mr. Thomas, has come to a stand-still. The officer specially employed upon it (Mr. Wilson) was, after the lapse of very nearly a year, removed and no one has filled his place. Unless some officer is deputed for the purpose I see no prospect whatever of the scheme being looked into for the next two or three years. It is out of the question to expect the Range officer to do this work in addition to supervising a large range ; and even if Mr. Blacker had not before him quite a year's work, in the shape of the examination of

minor plans, it remains to be considered whether he is competent to look into so gigantic a project.

Of all the schemes in hand I would urge the maturing of that referring to the Marandahally anicut and channel. Government actually loses nothing if others are not carried out, but in the case of the former the annual loss to the public purse for the last ten years has been a sum not far short of Rupees 1,000 in actual remissions.

In consequence of my having been in charge of the district, of my having been on leave, and of the Board's orders restricting the movements of Revenue officers, I have not been able, as I proposed, to examine the course of Chennar above Marandahally, or to inspect some of the projects brought forward by my Tahsildars.

I trust that the inquiries made by the Public Works Commission may lead to something definite being done with regard to existing irrigation works. The complaints of the ryots touching them are as loud and as frequent as ever. These are inquired into, and where repairs appear indispensable the case is brought to the notice of the Range officer, but what with want of funds and the necessarily unprofitable (not yielding an *increase* of revenue) nature of many of the repairs required ; the number of irrigation works which are out of order does not seem to be sensibly diminished.

8. COMMUNICATIONS.—The requirements under this head are all to be met from Local Funds. The work of planning and estimating for the roads marginally noted has been for some time past in the hands of the Department of Public Works, which does not seem to be getting on very quickly with it. The project of the road from Denkencottah to Yeruducottah, which would be of great use, has been for the last three years on the "tapis," and a grant for its construction has been sanctioned in two Budgets. The survey has not yet been begun, nor has that of the road between Sholagherry and Berike.

1. Road from Kistnagherry to Maharajagode.
2. Do. from Cvaeryputnam to Muttur.
3. Do. from Mallapady to Muttur.
4. Do. from Kistnagherry to Vartnapully.
5. Do. from Maharajagode to Vartnapully.

I would prominently bring to notice the necessity for the construction of the bridge across the Chennaur on the road between Oossoor and Maloor, and which, as the bridge over the Pennair at Bagalore is nearly finished, would complete this line. The estimate, amounting to Rupees 6,000, was, with the necessary plans, sent in long ago, and as it is quite certain from the recent orders issued regarding the Bagalore bridge that no grant will be made from Imperial Funds, I do not see why this work, if it is to be carried out at all, should not be sanctioned this year, and an allotment made from Local Funds.

9. BUILDINGS.—The financial difficulties prevent my urging the continuance of the erection of the new Cutcherry at Penagaram. The old one has been patched up, and with the aid of annual repairs may hold together for a time. I, however, do not consider it safe. The Dharampoory Cutcherry seems to be in a worse state than ever.

THIS report on Public Works in the Salem District for 1869-70 will be submitted for the information of Government.

2. There was a falling off in the total expenditure of Rupees 52,912 as compared with the previous year. The expenditure on new works of irrigation was trifling. Under the head of Repairs Rupees 25,804 were spent, and Mr. Pochin states that of the works repaired nearly ninety per cent. had been repaired within the previous three years, and he attributes this unsatisfactory state of affairs to want of adequate supervision. Under the head of Repairs to Communications 296 miles of Imperial road were said to have been kept in repair for Rupees 35,249. The Superintending Engineer reported that, owing to a reduction of twenty-two per cent. of the grant, the roads were not in such good order as could be desired. The Collector states that they could not be in a worse condition.

3. Under Civil Buildings the same story of Subsidiary Jails, Cutcherries, and Post Offices is to be in Salem as elsewhere; they are left unfinished and unprotected.

4. The Sub-Collector reports that at Penagaram the Sub-Jail and Division Tahsildar's Cutcherry is left unfinished, and a large quantity of valuable materials, such as timber, doors, windows, etc., is left in a leaf-shed unwatched.

No. 466. ORDER THEREON, 27th September 1870, No. 2,327.

ESTABLISHMENT, No. 41.

COMMUNICATED to the Superintending Engineer of the 5th Division whose attention will be given to paragraph 7 of the Collector's report.

2. Adverting to paragraph 8 the Government desire to be informed of the balance actually required for the completion of the Malapady bridge.

3. With reference to paragraph 12 the Government observe that the sum of Rupees 1,085 which is needed for the completion of the Post Office at Salem will become available on the receipt of the sanction of the Government of India to the transfer of that amount from the excess provision made in the current year's Budget for the Vadarniem Canal in the Tanjore District.

Vide G.O., No. 1,735, of the 21st July 1870.

4. Captain Roberts will report upon the subject of paragraph 4 of the Board's Proceedings, and he will state whether the materials referred to cannot be utilized on other works.

(Signed) CHARLES A. ORR, Colonel, R. E.,

Secretary to Government.

No. 473. Read the following letter from the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Gooramcondah, Voilpaud Talook, Cuddapah, 17th September 1870, No. 1,344 :—

I HAVE the honour to submit, for the consideration and orders of Government, the following circumstances connected with Serjeant Overseer M. Day of this department, as I do not think that I should under the circumstances be justified in granting the leave applied for without laying the matter before Government.

2. On the 26th March last Mr. Michael Day, a Military Pensioner who has been in this department about twelve years, and is fifty-two years of age, was affected with paralysis of the left side, and obtained three months' leave of absence on medical certificate on the accompanying copy* of his case; this leave was in the beginning of July extended up to 31st August 1870.

* Marked A. with medical certificate attached.

3. In the meantime having heard that there was no chance of Mr. Day being again fit for the duties of the department I, on 29th July 1870, addressed a letter† to the Assistant Surgeon in charge of Royal Artillery at Bellary, in reply to which I got the accompanying letter.‡

† Copy attached and marked B.

‡ Marked C.

4. As Dr. Simons in this letter states that he is satisfied Mr. Day is not likely to become fit for any active duty, I applied to the Brigadier General Commanding to appoint a Committee of Medical officers for the purpose of granting the necessary medical certificate to enable me to submit a Pension or Gratuity Roll to Government.

5. The Committee you will observe from their certificate§ have not given any opinion as to Mr. Day's fitness for further employment, but have merely recommended him for six months' leave; this, I would observe, I could have given on the certificate of Dr. Simons.

§ Marked D.

6. As keeping a man's name on the strength of an establishment when it is known that he can never do any more active work is injurious to the department and interferes with the progress of work, I consider I should not be doing my duty by granting the leave, but submit the matter for the orders of Government.

7. As regards Mr. Day personally, I beg to state that I have always found him a hard working and willing Overseer.

No. 474. ORDER THEREON, 27th September 1870, No. 2,331.

ESTABLISHMENT, No. 42.

UNDER the opinion expressed regarding Mr. Day in the concluding paragraph of the Superintending Engineer's letter, and taking into consideration that the Medical Committee have recommended an extension of leave to the Overseer, Colonel Moberly is authorized to grant it under the Uncovenanted Service Rules on the report of the Controller of Public Works Accounts to whom the papers will be forwarded.

(Signed) CHARLES A. ORR, Colonel, R.E.,

Secretary to Government.

No. 527. Read the following letter from the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Camp at Madnapully, Madnapully Talook, Cuddapah, 2nd September 1870, No. 1,264 :—

IN returning the accompanying petition from Cothapaukum Veloydum Moodelliar, referred to me for report with your memorandum No. 1,689, of 2nd August 1870, I have the honour to submit a precis of the documents connected with Veloydum Moodelliar's charges against Mr. Supervisor Watkins, and on which I came to the decision to dismiss Veloydum Moodelliar, together with the original documents themselves.

2. As regards paragraph 2 of Veloydum Moodelliar's letter to you, in which he states that I would not permit him to approach my tent unless he was accompanied by his superior officer, I beg to say that his statement is utterly false. I had not the slightest idea during the time I was on tour in the Pennacondah Range that Veloydum had any complaint to make against Mr. Watkins, and would here observe that, if he had wanted to speak to me, he had several opportunities when I was not in my tent or with the Supervisor. In fact, I remember speaking to Veloydum himself near Mr. Master's tent, (the Acting Collector was on Jummabundy and was encamped at about 60 yards from my tent,) when Mr. Watkins was not near.

3. With reference to paragraph 2 of your memorandum, I beg to report that having constantly received letters direct from Overseers and members of the office establishments, which had to be sent back to Range Officers, I, in order to hasten the despatch of business, published in the *District Gazette* a circular (A.), of which a copy is herewith attached. As from Veloydum Moodelliar's name being in the corner of the cover I saw from whence it came, I returned it for transmission through the Range office.

4. As regards Veloydum Moodelliar's previous career, I have the honour to inform you that when he was Overseer in the Darmavaram Talook, Bellary, I had reason to believe he was intriguing with the petty contractor on the Gootloor Tank, but was not able to bring it home ; and as he was not getting on with the Range Officer, and a vacancy at that time occurred at Madakseera, I took the opportunity to remove him from Darmavaram. For about six months after he joined the Madakseera Talook he was reported as active and attentive ; but since the beginning of 1869 he has not been well reported on, and, as you may observe from my quarterly reports, I have stated that he had become careless, indolent, and inattentive. In March 1869, Mr. Supervisor Watkins reported regarding Veloydum as follows :—" The progress of the works in his talook, which a short time after his arrival was very satisfactory, has fallen off ; in addition to which he conducts his correspondence in a very careless manner." On this I directed Mr. Watkins to warn Veloydum. In May 1869, Mr. Watkins reported that Veloydum was a good executive when inclined to work, but that he was always clamouring for an increase of the rates ; this with the previous remarks were the tenor of Mr. Watkins' reports since that time.

5. In January 1870 I visited the Range, and had to reprimand Veloydum Moodelliar; and I would draw attention to the remark in my diary of 31st January:—"The repairs on this portion are not done properly, and are due to the neglect of the Overseer in leaving the work to be marked out by the Maistry instead of doing it himself." I directed that the cost of all the corrections should be defrayed by the Overseer.

6. From his constant clamouring for an increase in the rates, I strongly suspected that Veloydum Moodelliar was in some way connected with the petty contractors working under him and had some share, and in this I am confirmed since his dismissal, as work is being now done at the old rates. Besides this I have now reason to believe that, in many cases of repairs of tanks, a man of straw was produced as the nominal contractor, whereas he, Veloydum Moodelliar, was the real contractor, and as Overseer measured and reported on his own work; no wonder then that he was crying out that the rates were insufficient.

7. My opinion has been that Veloydum Moodelliar was for sometime hatching a case against Mr. Supervisor Watkins, as may be seen from his keeping such a trumpery letter as that of 7th September 1868, on which he has based his fourth charge; but finding that Mr. Watkins was discovering his malpractices, he sent in his letter of charges, having at the same time got some one in Mr. Watkins' office to spy and report, and also some one in the Talook Cutcherry to keep an eye on what letters were despatched by Mr. Watkins. As regards this matter, Veloydum Moodelliar has sent a copy of his letter to me, dated 29th March 1870. I made inquiries, and herewith beg to submit Mr. Watkins' original letter (B.) with one enclosure.

N.B.—A copy (C.) of my reprimand to Mr. Watkins is also sent.

No. 528. ORDER THEREON, 30th September 1870, No. 2,360.

ESTABLISHMENT, No. 43.

FROM these papers it appears that C. Veloydum Moodelly, late Overseer of the Madakseera Talook in the Pennacondah Range of the Bellary District, preferred the following charges against the Range Officer, Mr. Supervisor Watkins :—

I.—That in his Diary for May 1869, Mr. Watkins made a false entry of his having inspected the Hummuntunhully Tank on the 1st idem.

II.—That in his Inspection Report of October 1869, Mr. Watkins made a false entry of his having visited Dunmatapully on the 29th, and Madakseera on the 30th, whereas he was at Pennacondah on both days; also that Mr. Watkins antedated the examination of the Overseer's cash book.

III.—That Mr. Watkins charged the pay of Maistry Ramacharry for a year and a half to works upon which he had not been employed.

IV.—That on one occasion Mr. Watkins to suit his own views, ordered him (the Overseer) to alter his diary.

V.—That Mr. Watkins was conspiring to ruin him.

2. The Superintending Engineer, however, after an investigation of all the circumstances, came to the conclusion that although Mr. Watkins had acted imprudently and had laid himself thereby open to imputations of an injurious character, there was nothing to show that he had any intention to deceive or to profit by his irregular proceedings, whereas, on the other hand, the Overseer by the malicious spirit he had evinced throughout, and by the underhand intrigues by which he endeavoured to effect his object, had committed a grave error, which, viewed in conjunction with his indifferent conduct on former occasions showed him to be unfit to be allowed to remain in the Department. The Superintending Engineer accordingly dispensed with his services, and against this decision the Overseer now appeals.

3. After a careful consideration of the voluminous mass of papers submitted by the Superintending Engineer, the Government regret that they are unable to acquit Mr. Supervisor Watkins of having acted in a highly culpable manner especially in entering a false date in an account book and though they are willing to believe that he could not have been actuated by the unworthy motives which might at first sight be imputed to him, they desire that he may be informed that his conduct is viewed by His Excellency the Governor in Council with displeasure, and that he be warned to be more careful for the future.

4. As the Overseer had thus, in the opinion of Government, some grounds on which to base his complaints, notwithstanding that he preferred them in an unbecoming spirit, the Government are not prepared to visit his proceedings with the severe punishment which permanent dismissal from the Department would inflict on him, and they therefore direct his re-employment when a proper opportunity offers.

5. Ordered that the petition of C. Veloydum Moodelly be returned to him with the following endorsement:—

"C. Veloydum Moodelly will be informed, with reference to his petition of the 31st July 1870, that having carefully considered all the circumstances of his case, the Government have directed his re-employment when a proper opportunity offers."

(Signed) CHARLES A. ORR, Colonel, R.E.,

Secretary to Government.

No. 529. Read the following letter from the Executive Engineer in charge of Superintending Engineer's Office, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 20th September 1870, No. 2,569:—

With reference to paragraph 3 of G. O., No. 1,485, dated 10th June 1863, I have the honour to request that permission may be granted me to remove the undermentioned Orders from the Unanswered Reference List for the reasons set against each:—

Date of Order of Government.	Subject.	Proposed cause for removal.
No. 3,938, dated 14th December 1866, paragraph 79.	Estimates to be submitted for the three following roads :— 1. Road from Cannamungalam to Polur. 2. Trivatoor to old Arcot. 3. Arnee to Chetput ...	These local roads have been completed from Famine Funds, and are being maintained by yearly grants from District Road Funds. There, therefore, appears no necessity now for the submission of estimates. These, however, were forwarded long since to Collector.
No. 3,808, dated 7th December 1867, paragraph 1.	Information regarding the subsidiary works of Chembrumbakam Tank to admit of an accurate computation being formed of the remunerative effect of its enlargement.	The information called for in these three requisitions refers to the original scheme when the project was classed under the head Extraordinary, and was of considerably greater magnitude than that now sanctioned and under execution as an Ordinary work.
Do. do., para. 3	To submit a report of the efficiency of certain subsidiary works proposed to secure a proper supply of water to the Chembrumbakam Tank, together with plans and estimates.	
Do. do., para. 4	Expediency of enlarging the proposed calingulah as suggested by the Government of India, and of the means available for utilizing the surplus water of the Chembrumbakam Tank to be reported.	
No. 1,716, dated 29th May 1868, paragraph 3.	Nagapatla, Melleswarum, and Melcoopum projects.	Nagapatla and Melleswarum projects have been abandoned in G. O., No. 2,093, dated 31st August 1870, while the Melcoopum project has been sanctioned in G. O., No. 3,759, dated 2nd December 1868.
No. 3,215, dated 12th October 1868, paragraph 2.	Plans and estimates for widening and deepening the branch channel from the main channel of the Cheyaur in connection with the Cheyaur Anicut.	Plans and estimates approved in G. O., No. 496, dated 15th February 1869, and further report submitted in Superintending Engineer's letter, No. 2,078, dated 16th July 1869.
No. 3,711, dated 27th November 1868.	Estimates for the completion of such roads declared to be Imperial in G. O., No 2,831, dated 11th November 1868, as are under construction or have not yet been commenced ; also detailed estimates for the maintenance of all these Imperial lines which are at present unprovided with annual repair allowance.	All the Imperial Roads in this division have been completed under sanctioned estimates and are provided with maintenance grants.

Date of Order of Government.	Subject.	Proposed cause for removal.
No. 912, dated 19th March 1869. No. 1,481, dated 7th May 1869. No. 2,735, dated 20th August 1869.	Extension of the East Coast Canal from Doogarazpatam to Kistnapatam.	Revised estimate sent to Government in letter No. 2,236, dated 30th August 1870.
No. 304, dated 2nd January 1870.	Statement showing the sums due for labour and materials used prior to the receipt of the Order of Government, No. 4,015, dated 29th December 1869.	Provision for such demands having been made in the general statement of "Savings and Demand," submitted in letter, No. 5,822, dated 3rd March 1870, it was considered unnecessary to submit a separate statement. All payments due for work done last year have been made under the authority of G. O., Nos. 1,136 and 1,259, dated respectively the 29th April and 16th May 1870.
No. 813, dated 18th March 1870, paragraph 4.	Savings which may be effected in the permanent Office Establishments in the 4th Division to be reported.	The petty and temporary establishments of this division having been reduced in G. O., No. 813, dated 18th March 1870, to half their original strength, it is impossible to make further reductions than those shown in the statement forwarded with letter No. 4,666, dated 10th December 1869.
No. 2,222, dated 8th July 1869.	Extraordinary Agricultural Works	The only works of this class are the Madras Water Works and Chembrumbakam Tank project. Revised estimate for the former has already been laid before Government and orders passed thereon.—*Vide* G. O., No. 1,100, dated 26th April 1870. The latter project has been transferred to the head Ordinary.—*Vide* G. O., No. 1,044, dated 21st April 1870.

No. 530. ORDER THEREON, 30th September 1870, No. 2,361.

ESTABLISHMENT, No. 44.

G. O.,	No. 3,938,	dated 14th Dec. 1866,	para. 79.	
,,	,, 1,716,	,, 29th May 1868,	,, 3.	
,,	,, 3,215,	,, 12th Oct. ,,	,, 2.	
,,	,, 3,711,	,, 27th Nov. ,,		
,,	,, 912,	,, 19th March 1869.		}
,,	,, 1,481,	,, 7th May ,,		}
,,	,, 2,735,	,, 20th Aug. ,,		}
,,	,, 304,	,, 2nd Jan. 1870.		
,,	,, 813,	,, 18th March ,,	para. 4.	
,,	,, 2,222,	,, 8th July 1869.		

UNDER the explanations afforded in this letter the Superintending Engineer of the 4th Division is authorized to omit the Orders as per margin from future Unanswered Reference Lists.

2. The Government are not prepared to sanction the omission of G. O., No. 3,808, dated 7th December 1867, until the revised designs and estimates of the Chembrumbakam Tank project have been received and the source to which the outlay thereon is to be debited has been finally determined.

(Signed) CHARLES A. ORR, Colonel, R.E.,

Secretary to Government.

Read the following papers :—

No. 535. From the Superintending Engineer, 6th Division.

Reports on Mr. Overseer Doyle's constant dereliction of duty, and states that his services have been dispensed with. } (Here enter No. 514 of 14th September 1870.)

No. 536. From the Superintending Engineer, 6th Division.

Forwards a letter from Mr. Overseer Doyle offering explanation regarding his alleged dereliction of duty. } (Here enter, 14th September 1870.)

No. 537. ORDER THEREON, 30th September 1870, No. 2,364.

ESTABLISHMENT, No. 45.

UNDER the circumstances brought to notice in this letter, and taking into consideration the previous misconduct of Mr. Overseer P. Doyle, the Government approve of his services being dispensed with.

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.